



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

8:00 am., Thursday, October 21, 2021

AGENDA

1. **CALL TO ORDER**
2. **INTRODUCTION OF GEDA INVESTMENT BANKER/UNDERWRITER**
3. **ISSUES FOR DECISION**
 - 3.1 **Approval for Property Insurance /Resolution No. FY2022-01**
 - 3.2 **Procurement Approval of GPA's Fuel Bulk Storage Management/Resolution No. FY2022-02**
 - 3.3 **Approval for purchase of three (3) 65' bucket trucks/Resolution No. FY2022-03**
4. **GM REPORT UPDATES**
 - 4.1 **Operations**
 - 4.2 **Administrative Matters**
 - 4.3 **Engineering & Technical Services (ETS)**
 - 4.4 **Financial**
 - 4.5 **Other**
5. **OTHER DISCUSSION**
 - 5.1 **CCU Rules Update**
6. **ANNOUNCEMENT**
 - 6.1 **Next Meeting: CCU Mtg: Tuesday, Oct. 26, 2021**
7. **ADJOURNMENT**



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

Issues for Decision

Resolution No. FY2022-01:

Relative to Authorizing the Management of Guam Power Authority to Renew the Current Property Insurance for an Additional One-Year Policy Period

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

Guam Power Authority's Bond Indenture agreement requires GPA to "secure and maintain property insurance on all facilities constituting the system against risks of loss or damage to the extent that such insurance is obtainable at reasonable cost." The indenture further requires GPA to carry insurance "of a scope and nature as that usually carried in the industry."

GPA's current Property Insurance policy was awarded in 2018 with a term of a three (3) year period with two (2) options to renew for an additional one (1) year period. GPA's current Property Insurance policy's third year period is set to expire on November 1, 2021, and GPA would like to exercise the first one-year option to renew.

Where is the location?

The coverage will be for all GPA assets.

How much will it cost?

The annual premium will be billed at an estimated cost of **\$5,788,643**

When will it be completed?

The current policy will be in place until November 1, 2022.

What is its funding source?

Revenue funded



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GPA RESOLUTION NO. FY2022-01

**RELATIVE TO THE AUTHORIZATION OF THE GUAM POWER AUTHORITY TO
RENEW THE CURRENT PROPERTY INSURANCE FOR AN ADDITIONAL ONE-
YEAR POLICY PERIOD**

WHEREAS, the Consolidated Commission on Utilities has determined that it is a prudent and reasonable business practice to maintain insurance coverage on GPA’s assets to the extent practical; and

WHEREAS, the Guam Power Authority’s Bond Indenture agreement requires GPA to “secure and maintain property insurance on all facilities constituting the system against risks of loss or damage to the extent that such insurance is obtainable at reasonable cost”; and

WHEREAS, the indenture further requires GPA to carry insurance “of a scope and nature as that usually carried in the industry”; and

WHEREAS, GPA’s current Property Insurance policy was awarded in 2018 with a term of a three (3) year period with two (2) options to renew for an additional one (1) year period; and

WHEREAS, GPA’s current Property Insurance policy’s third year period is set to expire on November 1, 2021, and GPA would like to exercise the first one-year option to renew; and

WHEREAS, the insurance broking team has configured, with the goal in mind of improving, to the greatest extent possible, the terms and conditions of GPA’s property insurance policy for the year; and

1 **WHEREAS**, that GPA is now able to confirm agreement for this year, and accordingly
2 will commit to keeping the current policy in place until November 1, 2022, the underwriters are
3 prepared to offer the following:

- 4
5 1. The annual premium will be billed at an estimated cost of **\$5,788,643**
6 which reflects the challenging insurance market conditions.

7
8 **WHEREAS**, GPA now brings these matters before the Consolidated Commission on
9 Utilities.

10
11 **NOW, THEREFORE, BE IT RESOLVED, BY THE CONSOLIDATED**
12 **COMMISSION ON UTILITIES, AS THE GOVERNING BODY OF THE GUAM**
13 **POWER AUTHORITY, SUBJECT TO THE APPROVAL OF THE GUAM PUBLIC**
14 **UTILITES COMMISSION, AS FOLLOWS:**

- 15
16 1. The GPA General Manager is authorized to accept the terms of the annual
17 renewal premium offered by the insurance underwriters at an estimated cost
18 of **\$5,788,643** for the policy period covered between November 2, 2021 and
19 November 1, 2022.

20
21 **RESOLVED**, that the Chairman certifies and the Board Secretary attests to the adoption
22 of this Resolution.

23
24 **DULY and REGULARLY ADOPTED AND APPROVED THIS 26th DAY OF**
25 **OCTOBER, 2021.**

26
27 Certified by:

Attested by:

28
29
30 _____
31 **JOSEPH T. DUENAS**
32 Chairperson
Consolidated Commission on Utilities

MICHAEL T. LIMTIACO
Secretary
Consolidated Commission on Utilities

1 **I, Michael T. Lintiac**, Secretary, Consolidated Commission on Utilities (CCU),
2 evidenced by my signature above do certify as follows:
3

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

8 Ayes: _____
9 Nays: _____
10 Absent: _____
11 Abstain: _____



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

Issues for Decision

Resolution No. FY2022-02:

Relative to Authorizing the Management of Guam Power Authority to Solicit the Services for the Management, Operation and Maintenance of GPA's Fuel Bulk Storage Facility

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

The Guam Power Authority's current contract for the Management, Operation and Maintenance of GPA's Fuel Bulk Storage Facility is expiring in September 30, 2022. The services are required for the proper operation, maintenance and security of the Fuel Bulk Storage Facility, to ensure uninterrupted, reliable fuel supply to the GPA plants.

Where is the location?

Several on-island and off-island firms with expertise on areas related to Petroleum Handling and management of Fuel Bulk Storage Facilities can participate in the solicitation.

How much will it cost?

Services currently cost about \$1,000,000 to \$1,500,000 a year (fixed fee and additional expenses). The contract is estimated to cost about the same, subject to escalation rates and increase in fees for critical requirements such as insurance policies and membership in oil spill companies. These costs do not include expenses related to specific technical services, construction and project management.

When will it be completed?

The contract is planned for an initial period of three years, with the option to extend for two (2) additional one-year terms.

What is its funding source?

Most of the services will be funded through Fuel Revenue Funds, and some through O&M and CIP if it involves procurement of equipment, construction, modification and others.

The RFP/IFB responses:

The IFB will commence after CCU and PUC approval.



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GPA RESOLUTION NO. FY2022-02

**AUTHORIZING MANAGEMENT OF THE GUAM POWER AUTHORITY TO SOLICIT A CONTRACT FOR THE
MANAGEMENT, OPERATION AND MAINTENANCE OF GPA'S FUEL BULK STORAGE FACILITY**

WHEREAS, the Guam Power Authority (GPA), through Resolution 2017-10 awarded IFB GPA-014-17 to Isla Petroleum and Energy, LLC ("IP&E"); and

WHEREAS, the contract with IP&E s expiring on September 30, 2022; and

WHEREAS, proper management, operation and maintenance of the Fuel Bulk Storage Facility is required to ensure uninterrupted, reliable fuel supply to GPA's Power Plants; and

WHEREAS, GPA intends to procure the services of a qualified firm for the Management, Operation and Maintenance of the Fuel Bulk Storage Facility; and

WHEREAS, approval is requested to allow the General Manager to solicit these services and petition the PUC to approve the solicitation for a contract with a base period of three (3) years with an option to extend for up to two (2) additional one-year extensions.

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

1. The General Manager is authorized to proceed with the solicitation for a Contract for the Management, Operation and Maintenance of GPA's Fuel Bulk Storage Facility.

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

36

37

DULY and REGULARY ADOPTED AND APPROVED THIS 26TH DAY of October, 2021

38

Certified by:

Attested by:

JOSEPH T. DUENAS

Chairperson

Consolidated Commission on Utilities

MICHAEL LIMTIACO

Secretary

Consolidated Commission on Utilities

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

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44

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:

48

49

Ayes: _____

50

51

Nays: _____

52

53

Absent: _____

54

55

Abstain: _____



GUAM POWER AUTHORITY

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Issues for Decision

Resolution No. FY2022-03

Relative to Authorizing the Expenditure to Procure three new Bucket Trucks for the Authority's Transmission and Distribution Operations

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

The Authority is in need of new 65-foot Bucket Trucks to provide the Authority's Transmission & Distribution personnel the capability and capacity to perform new installations to support customer growth and to repair and maintain the power system in a safe and efficient manner.

Where is it at?

The bucket trucks will be used island wide and will be stationed at the T&D Compound in Dededo.

How much will it cost?

Three bucket trucks at \$348,000 each for a total of \$1,044,000

When will it be completed?

The bucket trucks will be delivered 365 days after award.

What is its funding source?

FY2022 Revenue Capital funds

The RFP/BID responses:

Bid responses were received from Morrico Equipment, LLC and Far East Equipment Company, LLC. Morrico was the only responsive bidder.



1 **GPA RESOLUTION NO. FY2022-03**
2
3 **RELATIVE TO AUTHORIZING THE EXPENDITURE TO PROCUREE THREE (3) NEW BUCKET TRUCKS**
4 **FOR THE AUTHORITY'S TRANSMISSION AND DISTRIBUTION OPERATIONS**
5

6 **WHEREAS**, GPA is committed to providing economically sound and reliable vehicles and
7 equipment to service the island's power system; and

8 **WHEREAS**, the Authority is in need of new 65-foot Bucket Trucks to provide the
9 Authority's Transmission & Distribution personnel the capability and capacity to perform new
10 installations to support customer growth and to repair and maintain the power system in a safe
11 and efficient manner; and

12 **WHEREAS**, the Procurement Office has provided adequate public announcement to
13 procure three new 65-Foot Bucket Trucks through IFB GPA-048-021 providing the specifications
14 and the information required of each Offeror; and

15 **WHEREAS**, Morrico Equipment LLC and Far East Equipment Company LLC submitted bids
16 for GPA's consideration; and

17 **WHEREAS**, the GPA Evaluation Committee determined Morrico Equipment LLC to be the
18 only responsive bidder with a total cost of \$1,044,000; and

19 **WHEREAS**, GPA has secured CCU and PUC approval under Revenue General Plant Capital
20 Improvement Funds to procure these bucket trucks.

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

- 23 1. After careful consideration, the Consolidated Commission on Utilities finds the
24 purchase of the Bucket Trucks to be reasonable, prudent and necessary.
- 25 2. The General Manager of the Guam Power Authority is hereby authorized an increase
26 in obligating authority up to \$1,044,000 for the purpose of procuring three 65-Foot
27 Bucket Trucks from Morrico Equipment LLC.
- 28
29

1 **RESOLVED**, that the Chairman certifies and the Secretary attests the adoption of this
2 Resolution.

3
4 **DULY AND REGULARLY ADOPTED AND APPROVED THIS 26TH DAY OF OCTOBER, 2021**

5
6 Certified by:

Attested by:

7
8
9 _____
10 JOSEPH T. DUENAS
11 Chairperson
12 Consolidated Commission on Utilities

Michael T. Limtiaco
Secretary
Consolidated Commission on Utilities

13
14
15 **I, Michael T. Limtiaco**, Secretary for the Consolidated Commission on Utilities (CCU), as
16 evidenced by my signature above do certify as follows:

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

21 Ayes: _____

22 Nays: _____

23 Absent: _____

24 Abstain: _____

NUMBER OF INVITATIONS ISSUED:

2

INVITATION NUMBER:

GPA-048-21

NUMBER OF BIDS RECEIVED:

2

OPENING DATE:

08/11/2021 10:00 A.M.



PROCUREMENT DIVISION
GUAM POWER AUTHORITY

ABSTRACT OF BIDS

DESCRIPTION OF SUPPLIES OR SERVICES:

NEW 2021 65 FOOT 4X4 BUCKET TRUCKS

LINE ITEM 1	LINE ITEM 2	LINE ITEM 3	LINE ITEM 4	LINE ITEM 5
DESCRIPTION QTY. UNIT DELIVERY				
	3			
	EACH			
	365 (THIRTY SIX FIVE) ARB			
BASIC				
UNIT COST	348,000.00			
PART NUMBER				
CATALOG NUMBER	Freightliner & Terex	ma 10645055	108	year 2021/2022
MANUFACTURER	Freightliner & Terex			
DELIVERY	as specified			
TOTAL LUMP SUM				
ALTERNATE				
UNIT COST				
PART NUMBER				
CATALOG NUMBER				
MANUFACTURER				
DELIVERY				
TOTAL LUMP SUM				

I hereby certify that all bids received in response to this invitation were opened under my personal supervision, and that the names of all bidders have been entered herein.

SIGNATURE

TABULATED BY:

Buljuras

DATE:

8/11/21

PAGE

1

OF

2

NAMES OF PERSONS PRESENT AT THE BID OPENING AND WHOM THEY REPRESENT				
PRINT NAME:	COMPANY NAME:	SIGNATURE:	DATE:	
1 Angel French	MORELO EQUIPMENT LLC	<i>[Signature]</i>	8/11/21	
2 GEORGE CHANDLER	FORBES EQ. CO. LLC	<i>[Signature]</i>	8/11/21	
3				
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NUMBER OF INVITATIONS ISSUED:

2

NUMBER OF BIDS RECEIVED:

2

INVITATION NUMBER:

GPA-048-21

OPENING DATE:

08/11/2021

OPENING TIME:

10:00 AM



PROCUREMENT DIVISION

GUAM POWER AUTHORITY

ABSTRACT OF BIDS

DESCRIPTION OF SUPPLIES OR SERVICES:

NEW 2021 05 FOOT 4X4 BUCKET TRUCKS

DESCRIPTION	QTY.	UNIT	DELIVERY	LINE ITEM 1	LINE ITEM 2	LINE ITEM 3	LINE ITEM 4	LINE ITEM 5
BASIC								
UNIT COST								
PART NUMBER								
CATALOG NUMBER								
MANUFACTURER								
DELIVERY								
TOTAL LUMP SUM								
ALTERNATE								
UNIT COST								
PART NUMBER								
CATALOG NUMBER								
MANUFACTURER								
DELIVERY								
TOTAL LUMP SUM								

BIDDER: For east equipment co., LLC
 No.: 2 Vendor Name: For east equipment co., LLC
 BID GUARANTEE: 01-50-161757 Amount \$ 130,000.00
 () Bid Bond #: _____ Amount \$ _____
 () Certificate of Authority () Power of Attorney
 () Standby Letter of Credit # _____ Amount \$ _____
 () Letter of Credit # _____ Amount \$ _____
 () Cashier's or Certified Check # _____ Amount \$ _____
 () Wire Transfer

() Statement of Qualifications
 () Affidavits (Original Form)
 () Affidavits (Copy Form): Originals submitted with
 () Major Shareholders () Non-Collusion () Gratuities or Kickbacks
 () Ethical Standards () Wage Determination () Restriction Against Sex Offenders
 () Business License () Contractors License
 () Local Procurement Signed and Submitted
 () Literature

I hereby certify that all bids received in response to this invitation were opened under my personal supervision, and that the names of all bidders have been entered herein.

SIGNATURE

TABULATED BY: 8/11/21 DATE: 8/11/21PAGE 2 OF 2
☐ Lowest Responsive Bidder
☐ Tie Bid
☐ Only Bid
☐ Other Than Lowest Responsive Bidder

NAMES OF PERSONS PRESENT AT THE BID OPENING AND WHOM THEY REPRESENT			
PRINT NAME:	COMPANY NAME:	SIGNATURE:	DATE:
1			
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GM REPORT

October 2021



Generation Status

2

1. Reserve Margin Forecast for October 2021:

Projected Available Capacity: 319 MW

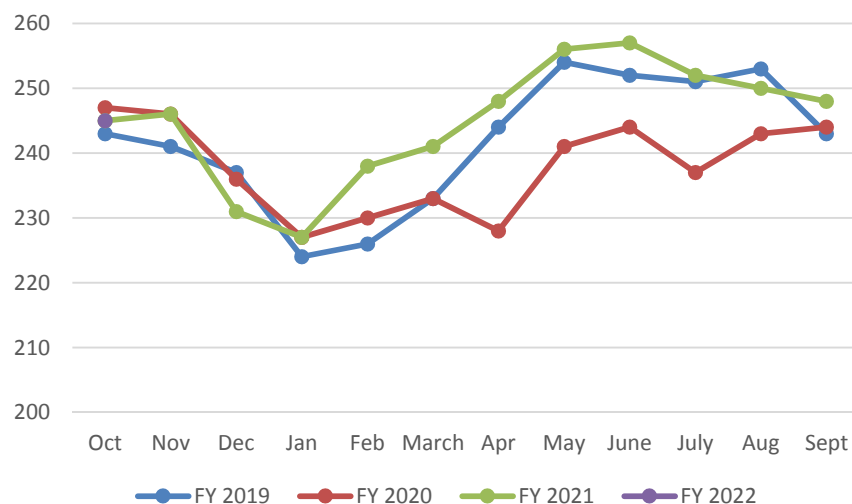
Projected Demand: 243 MW

Anticipated Reserve Margin: 79 MW

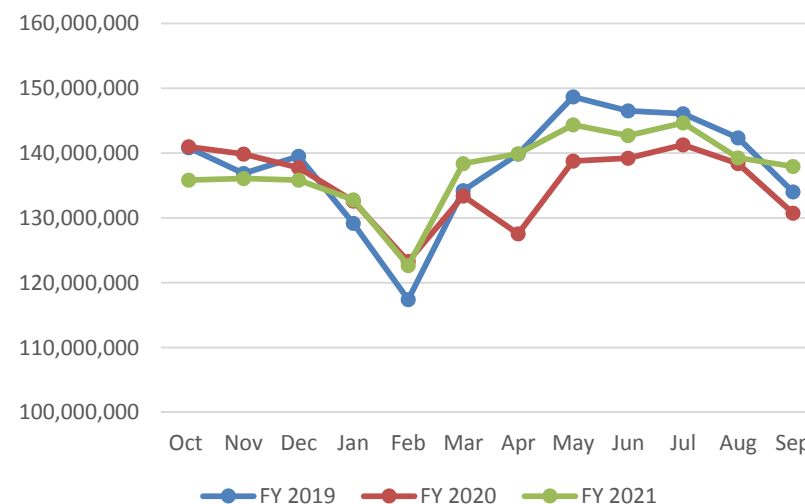
*Piti Unit #9 undergoing scheduled overhaul. ECD 11/11/2021

2. FY 2021 Production Characteristics :

PEAK MW DEMAND
thru October 18, 2021



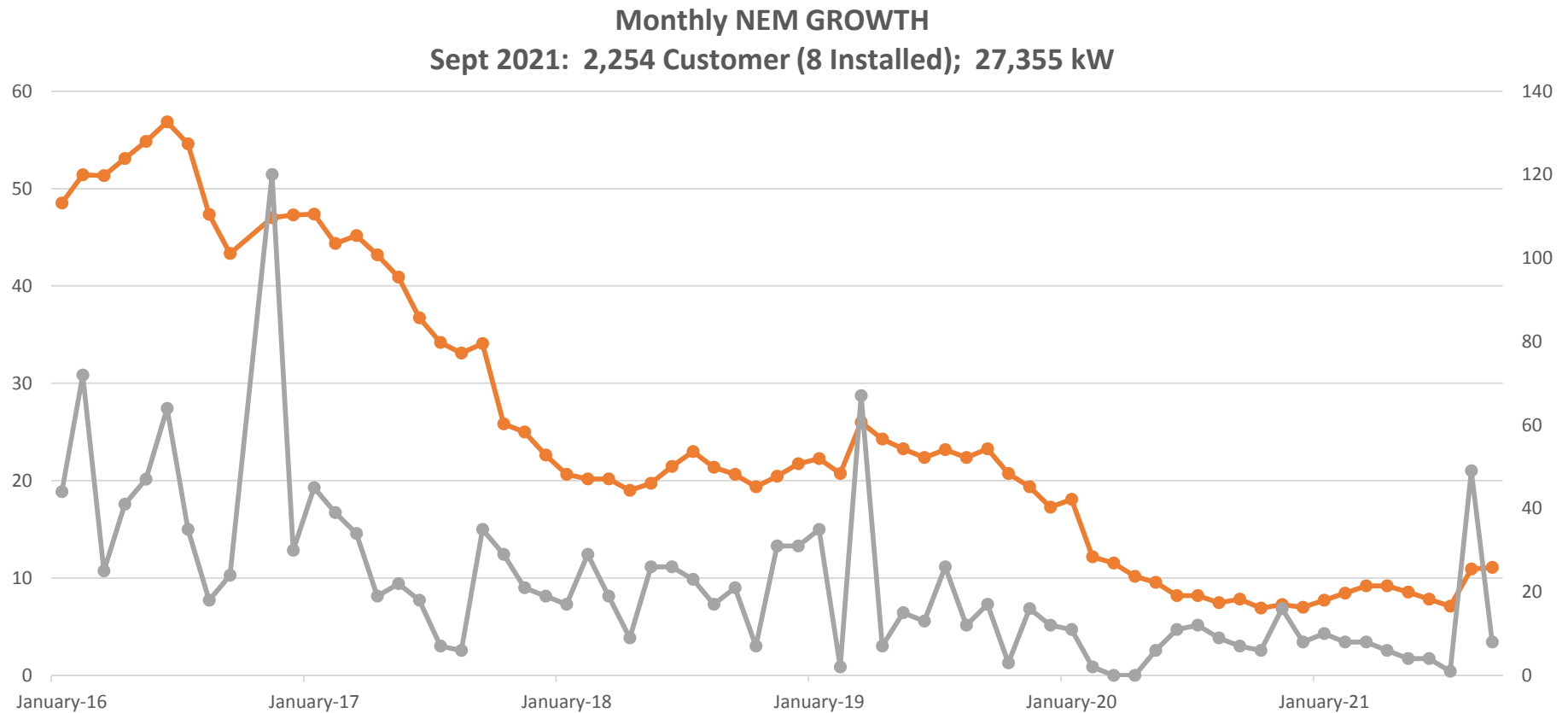
Net kWh Generation
Thru September 2021



Net Metering

3

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



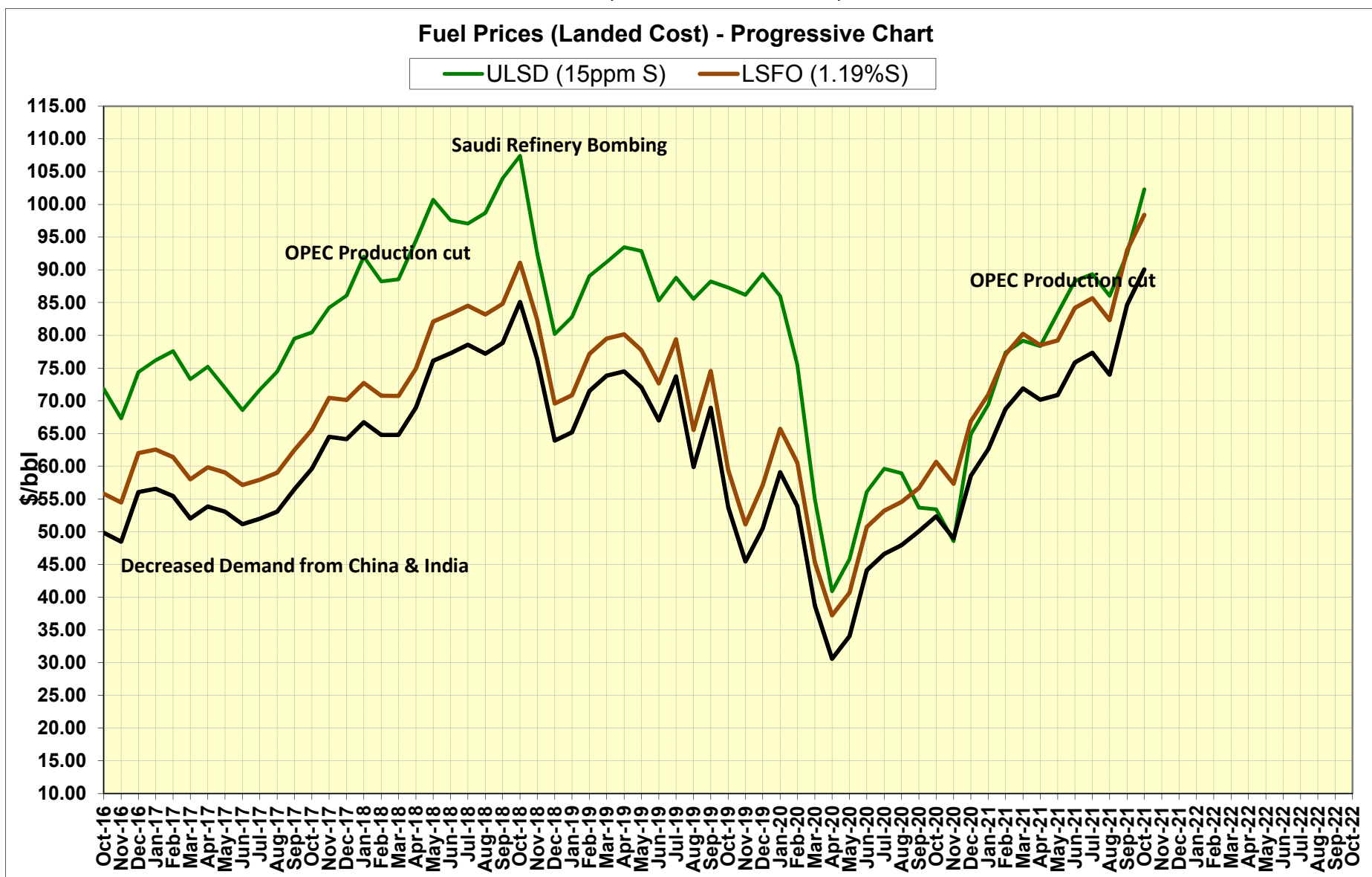
—●— 12-Month Rolling Avg. —●— Installed



GPA Fuel Landed Cost (Per Barrel) October 11, 2021

4

4. HSRFO \$90.07; LSRFO \$98.41; ULSD \$102.27

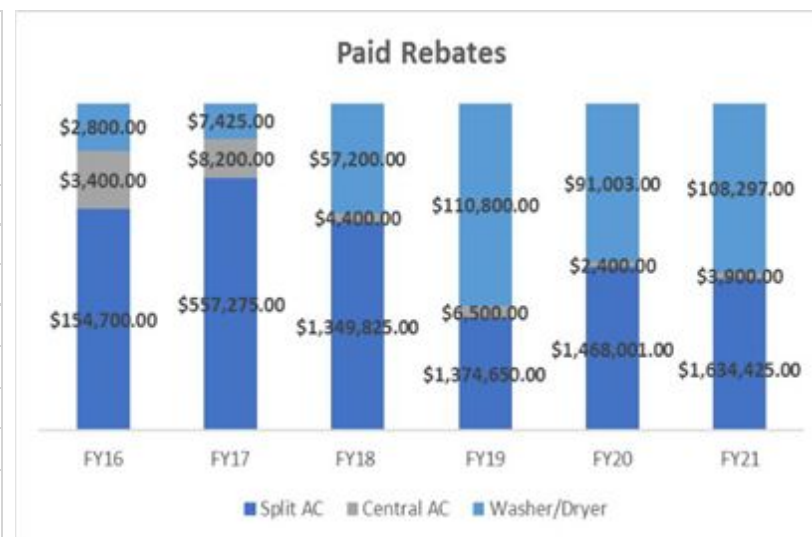


Demand Side Management (DSM)

5

5. DSM Funding as of Sept 30, 2021:

	FY'21 thru 9/30/21	FY'16-FY21 YTD TOTAL	
Regular/OT Pay	\$ 160,464.20	\$ 318,308.20	4.2%
Other Contractual	\$ 72,650.00	\$ 306,481.05	4.0%
Ads & Radio Announcements	\$ -	\$ 9,000.00	0.1%
Paid Rebates-Split AC	\$ 1,634,425.00	\$ 6,538,876.00	86.3%
Paid Rebates- Central AC	\$ 3,900.00	\$ 28,800.00	0.4%
Paid Rebates- Washer/Dryer	\$ 108,297.00	\$ 377,525.00	5.0%
Total Expenses	\$ 1,979,736.20	\$ 7,578,990.25	
Bank Interest (+)	\$ 269.04	\$ 6,059.66	
Bank Fees	\$ 425.00	\$ 5,647.32	
DSM Ending Balance (LEAC Funds): \$1,577,757.55			



6. DSM Rebate Application Report 2019 to 2021:



General Manager's Report (cont'd)

6

7. PUC Update:

Current GPA Dockets on PUC Agenda (October 28, 2021):

- GPA Docket 22-01, Petition for Approval of Property Insurance Contract Extension with DB Insurance Co., Ltd.

Disposition of Previous GPA Dockets:

- GPA Docket 21-16, Petition to Approve the Contract with Tristar Terminals Guam, Inc. for the Lease of an Additional Storage Tank for ULSD Diesel Fuel for Piti 8 & 9 supply source.- **Approved**

8. Legislative Update:

- Senator San Agustin introduced two (2) legislative bills on behalf of GPA on Wednesday, October 13, 2021.
 - Bill 212-36 (COR): An Act to Approve the Terms and Conditions of Guam Power Authority Revenue Bonds to Refund Outstanding Guam Power Authority Revenue Bonds.
 - Bill 213-36 (COR): An Act to Add New §§8119(A) to Chapter 8, Title 12, Guam Code Annotated, Establishing an Exemption for the Construction of New Forty-One Megawatt Cabras Ultra Low Sulfur Diesel Units on Lot 261 and 257, U.S. Navy Apra Harbor Reservation.

9. Memorandum of Agreement (MOA) GDOE/GPA Partnership:

- MOA executed. Pre-project kick-off meeting scheduled for October 21, 2021.

10. Ukudu Power Plant Zone Variance (Height) Application:

- Approved by the Guam Hybrid Land Use Commission on October 14, 2021.



General Manager's Report (cont'd)

7

11. New Power Plant Update: GPA Activities

Completed:

- ECA Amendment: Signed on March 17, 2021.
- Archaeological & Cultural Requirements:
 - ✓ Research Design for pipeline and transmission line routes submitted to GHPO
 - ✓ Resolution on Section 106 process between Navy/SHPO/GPA
 - ✓ Cultural Survey for boring scope fuel/water/power project areas (outside of plant)
- Environmental Requirements:
 - ✓ Baseline noise study for Piti 41 MW diesel generator plant site.

Ongoing / Pending:

- Archaeological & Cultural Requirements:
 - ✓ Revised Archaeological Inventory Survey (Additional comments received Oct. 5)
 - ✓ Section 106 process for cultural survey on Navy properties (pipeline route and Harmon Substation)
 - ✓ Cultural Survey for pipeline construction area. (Evaluation of Pedonlisong Springs near San Miguel School in Mongmong-Toto area for non-cultural site boundaries)
 - ✓ Cultural survey and boring for proposed site in Piti for diesel generator relocation
- Water & Wastewater Requirements:
 - ✓ Water Supply and Discharge Agreement under GWA Review
 - ✓ Change of Law issues due to update GWA NPDES permit affecting discharge of wastewater from cooling system
 - ✓ Follow up with KEPCO-EWP/Doosan on phosphate treatment proposal (change in law)
- Permit & Drawing Reviews:
 - ✓ Several construction permits received: temporary power (office/construction), new pipeline construction, new plant construction (phases 1-3)
- Site Inspections:
 - ✓ Inspection/monitoring of plant site (Ukudu) clearing/grading and cleaning of the Tanguisson fuel pipeline.

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

Delays on Permit Approvals

- Construction Permits
- Air Permits
- NPDES Permit

Construction Mitigation

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

Zone Exemption

- Bill No. 213-36 (COR) was introduced by Senator San Agustin for the Buffer Zone Exemption for Piti 41MW diesel generator plant site (GPA).



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

8

INTERIM UPDATE

DSM Update:

- ✓ Existing Program Rebate Levels Reset - Completed
- DSM Plan Update - Completed
- EV Plan - Completed

Generation System Reliability &

Adequacy:

- ✓ Power Plant and System Capacity State Models - Completed
- ✓ Analysis without ESS - Completed
- ✓ Analysis with ESS - Completed
- ✓ RPS to 50% by 2029 Plan - Completed

Strategic Plan: Completed

- Environmental Strategic Plan Update - Completed
- IT Strategic Plan - Completed
- ✓ IT Consolidation Plan - Completed

Capacity Plan:

- ✓ Candidate Resources - Completed
- ✓ Peak Load and Energy Forecast - Completed
- ✓ Generation Hourly Load Forecast - Completed
- ✓ Capacity Expansion Runs - Completed
- Final Draft Report - - Completed

Frontier Project:

- ✓ Project Summary - Completed

Distribution Plan:

- ✓ Distribution Models Verification - Completed
- ✓ Transformer Overloads - Completed
- ✓ Capacity Contribution - Completed
- ✓ Voltage Imbalance - Completed
- ✓ System Voltage Analysis - Completed
- ✓ Automated Switching & Fault Circuit Indicator Comm Study - Completed
- ✓ Solar Irradiance Sensor Network Plan - Completed
- Ongoing; L+G to advise
 - *Load Flow Studies*
 - *NEM Growth Impacts*
 - *Conservation Voltage Reduction*
 - *Demand Response*

Long Range Transmission Plan Study:

- ✓ Summaries of Renewal Integration Study & System Impact Studies - Completed
- ✓ Grid Controller - Completed

UFS NEM Rate Study:

- Net Metering Rate - Ongoing, Final Draft in Review, Will incorporate L+G results when available.



12. Renewable Energy - *Integrated Resource Plan (IRP)*

9

Schedule Summary

VOLUME	VOLUME TITLE	STATUS/DATE
Executive Summary	Executive Study	Oct 1, 2021
Volume 1	Generation System Reliability, Adequacy, and Resiliency	Final
Volume II	Generation Expansion Plan	Final
Volume III	Environmental Strategic Plan	Final
Volume IV	Demand Side Management Plan	Final
Volume V	Medium Range Distribution Plan	TBD
Volume VI	Information/Operational Technology Plan	Final
Volume VII	Strategic Plan	Final
Volume VIII	Electric Vehicle Roadmap	Final
Volume IX	Net Metering Plan	Final Draft

November 18, 2021















January 25, 2022



- CCU Work Session Presentation

- CCU Resolution for Approval

GPA GRID TRANSFORMATION
SOLUTIONS TOWARD A HIGHLY RESILIENT, RELIABLE, AFFORDABLE AND HIGH RENEWABLE ENERGY PRODUCTION GRID

 Charge/Discharge-Anytime Battery Energy Storage Systems (BESS) - Provides spinning reserve and frequency regulation. Greatly improves grid response to FIDVR, duck curve ramp ups, and excess solar PV production events. Provides other grid services.	 Time-of-Use (TOU) Rates - Provides incentives for customers to change their electricity-use behavior to match the needs of the grid.
 Flexible Efficient Generation - Better follows the changes in demand and available generation online especially when large intermittent sources of power are on the grid. Reduces power rates.	 Daytime Charging Electric Vehicles (EV) - Prevents curtailment of synchronous generation and solar PV during excessive solar PV production events when solar PV production is high and daytime loads are low. Slows growth of system peak deferring expensive investments for new capacity.
 Energy Shifting Battery Energy Storage Systems (ES BESS) - Decreases Excess Solar PV Production Events by storing 100% of energy for nighttime use; Replaces expensive production from peaking generation.	 Microgrids - Using synchronous generators and Solar PV + energy-shifting battery energy storage systems with grid forming capability to provide power after natural disasters such as typhoons especially in southern Guam.
 Demand Response (DR) - Adjusts customer demand up or down however needed by the grid.	 Grid Controller - Optimizes all resources to provide the most benefit at the least cost. Improves system stability and system economics.
 Synchronous Condensers (SC) - Provides Short-Circuit MVA to power system to keep the grid stable, prevents grid-tied inverter cessation, improves fault response and voltage, and allows GPA grid to operate with 100% renewable energy.	 Solar Irradiance Sensor Network - Provide real-time estimates of solar PV power production. Forecast solar PV power production. Track cloud cover.
 Smart Grid (SG) - Advanced technology for getting the right information to the right people or systems at the right time to make better strategic and operational decisions and to make the right control operations actions immediately.	 System Protection - Improve System Protection to operate in an environment with less synchronous generation and more inverter based resources.
 Energy Efficiency - Energy efficiency has a much higher rate of return than just simply installing solar PV. Putting energy efficiency first lowers energy costs for everyone.	 Improving Generator Reliability - Improving GPA generator availability results in serving more load using less generation. It also significantly lowers energy costs.



12. Renewable Energy - *Integrated Resource Plan (IRP)*

10

GPA AFFORDABILITY TRANSFORMATION SOLUTIONS



GUAM POWER AUTHORITY
Aburidat Sekretariat Guahan

Glenn B. Nelson Public Service Building • 888 Route 15 Padan, Hingham, Guam 96813
Phone: (671) 647-5787/8/9 | Fax: (671) 648-3064

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**GPA CUSTOMER EXPERIENCE
TRANSFORMATION SOLUTIONS**



GUAM POWER AUTHORITY
Aha'adät Saktresadät Guåhan

Clara B. Nelson Public Service Building • 888 Route 15 Fardier, Hingham, Quia 00913
Phone: (671) 647-8787/8/9 | Fax: (671) 648-3184

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12. Renewable Energy - *Integrated Resource Plan (IRP)*

11

GPA DIGITAL TRANSFORMATION SOLUTIONS

 <p>GPA Information/Operations Technology (IT/OT) Consolidation - A secure, reliable, and responsive IT/OT infrastructure supported by a skilled and capable staff is critical for supporting GPA's Strategic Transformation.</p>	 <p>Smart Grid (SG) - The technology enabler for driving operational improvements and efficiencies. The Smart Grid makes possible the transition of GPA manual processes into information-based, digitally enhanced automated processes through controls and sensors that enable reliability and resiliency in providing power to GPA's customers.</p>
 <p>Creating Organizational Alignment & Fit - Creating a more skilled, resilient, streamlined, and effective organization through process mapping & re-engineering leveraging information and operational technology is the end goal for digital transformation.</p>	 <p>Energy Sense Program Outreach - Customer expectations are driven by the customer connection capabilities of the telecom, streaming entertainment, and virtual shopping industries. Building this outreach through relevant content improves GPA's relationships with its customers. The conversion of the manual Energy Sense Rebate Application process to a digital platform supports the objective of digital transformation.</p>
 <p>Business Analytics - The Smart Grid, Energy Sense Web-sites, Internet of Things (IoT) and Third-party content providers are creating more data and information that any individual(s) can analyze the business value for GPA. The use of artificial intelligence engines with defined logic provides GPA the ability to respond in a proactive manner to grid conditions to determine the best resolution for customers.</p>	 <p>Simulation and the Digital Twin - In response to extreme natural events, the ability to work remotely along with utilize real-time simulation through a Digital Twin of an energy system allows for continuous learning to GPA engineers and operators.</p>



GUAM POWER AUTHORITY
Atoridat Elektrowadai Oukhan

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GPA FOUNDATIONAL INFRASTRUCTURE SOLUTIONS

 <p>Human Resource Rebalancing - GPA will soon retire several power plants beginning with Cabras 1&2. GPA must plan to rebalance its workforce considering the displacement of these employees. This must be well in advance of the actual plant retirements.</p>	 <p>Succession Planning - With over 50% of its workforce eligible to retire within five years, GPA must hire and train new employees to take over. GPA must update its job descriptions and eligibility requirements moving these jobs into the 21st century. Many jobs will have changed because of digital transformation and technology.</p>
 <p>Grid Transformation Solutions - Without completion of Grid Transformation Projects, the grid will not be stable, reliable, resilient, and affordable.</p>	 <p>Smart Grid (SG) - Smart Grid systems is the information highway driving operational improvements and efficiencies.</p>
 <p>GPA Information/Operations Technology (IT/OT) Consolidation - A secure, reliable, and responsive IT/OT organization and infrastructure is critical for supporting GPA's Strategic Transformation.</p>	 <p>Aging T&D Infrastructure Replacement - Like all other U.S. power utilities, GPA must plan for replacing its aging infrastructure. GPA should invest in an Asset Management ERP capability to guide and manage the replacement process.</p>
 <p>Creating Organizational Alignment & Fit - Creating a more resilient, streamlined, and effective organization through process mapping & re-engineering coupled leveraging information technology supporting digital transformation.</p>	 <p>Improving Generator Reliability - Achieving GPA generator availability to 95% is a cornerstone for grid resiliency, reliability, and affordability.</p>



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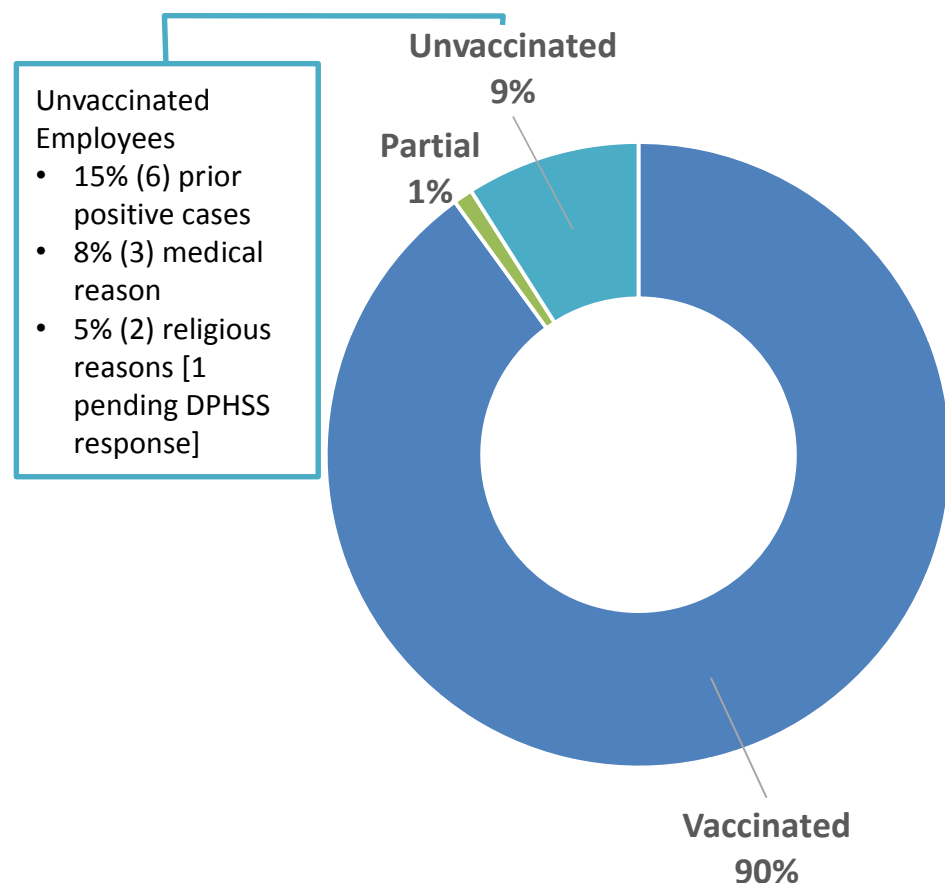
Gloria S. Nelson Public Service Building • 688 Route 15 Fajalan, Mangilao, Guam 96913
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General Manager's Report (cont'd)

12

13. COVID-19 Vaccination:



In-House Testing & Digital Administrative Platform

Employees make testing appointment via online portal



Perform in-house rapid testing



ANTIGEN



MOLECULAR

SMS notification to view and store results on secured online platform

Your Covid-19 Test result is now available. The confirmation number is C25447, click here to retrieve <http://vaccine.motocareclick.net/retrieve?code=C25447>

General Manager's Report (cont'd)

13

14. Emergency Rental Assistance (ERA) Program:

- \$848,435.02 payments received by DOA for payment toward customer accounts, as of October 18, 2021

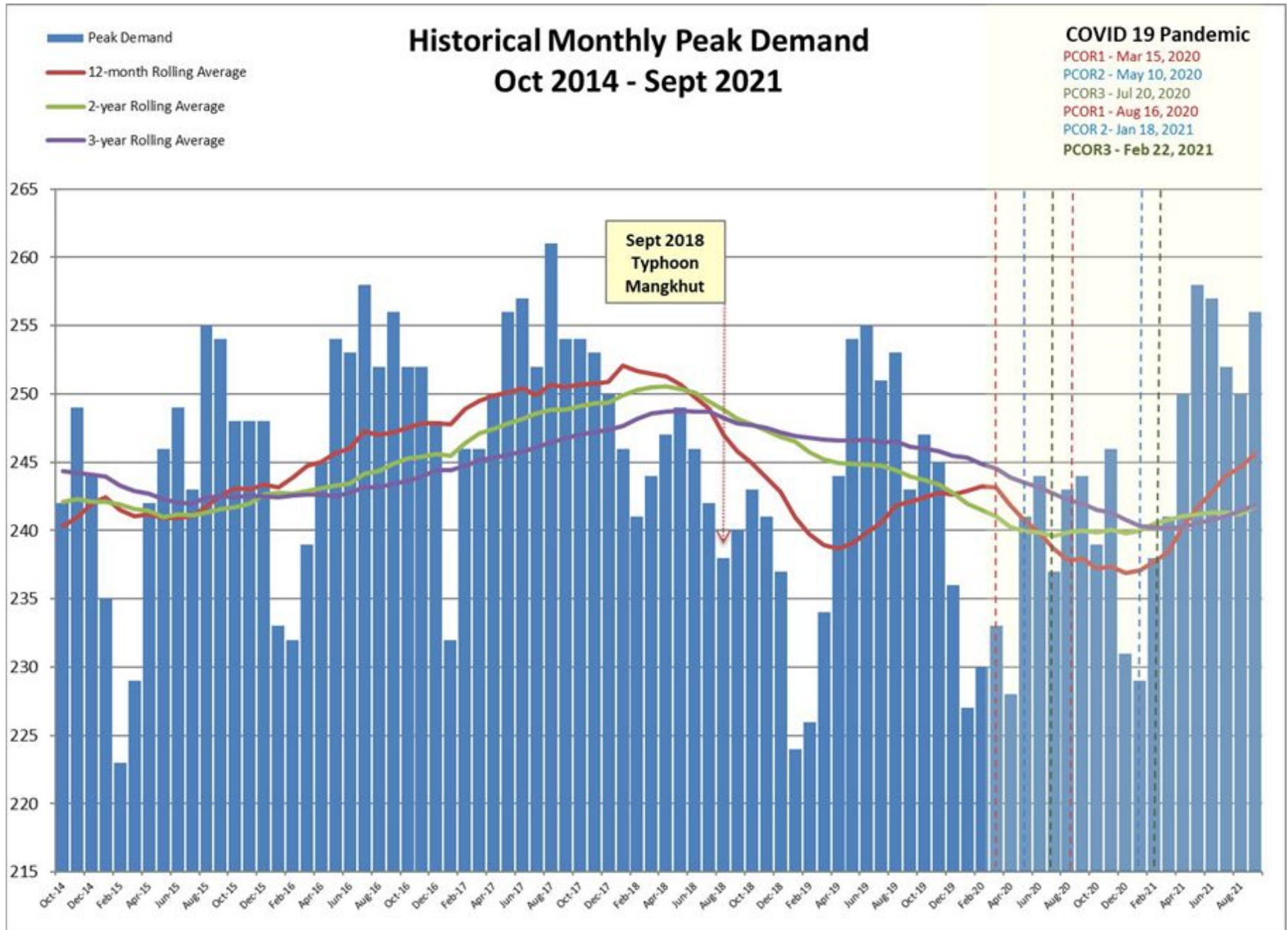
15. Major Projects to Enhance Customer Experience:

- GPA DSM Digitization - Online and Mobile Application System:
 - Development is 80% complete. User Acceptance Testing (UAT) phase on-going. Go-Live is estimated around end of November 2021.
- GPWA Mobile App Bill Payment Solution:
 - New mobile pay app will offer convenient features currently available on PayGPA.com & PayGWA.com. Launch targeted for end October 2021.
- Customer Self-Service Portal:
 - New customer portal will offer online utility service requests, tracking, and e-documentation. Project kick-off targeted for November 2021.
- Customer Engagement Survey:
 - Qualitative surveys of residential and commercial customers completed early October 2021. Summary and resulting projects will be provided at Nov 2021 CCU meeting.

16. Generation KPIs:

- The following graphs show updated information through Sept 2021:





Historical KWH Sales Oct 2017 - Sept 2021

COVID 19 Pandemic

PCOR1 - Mar 15, 2020

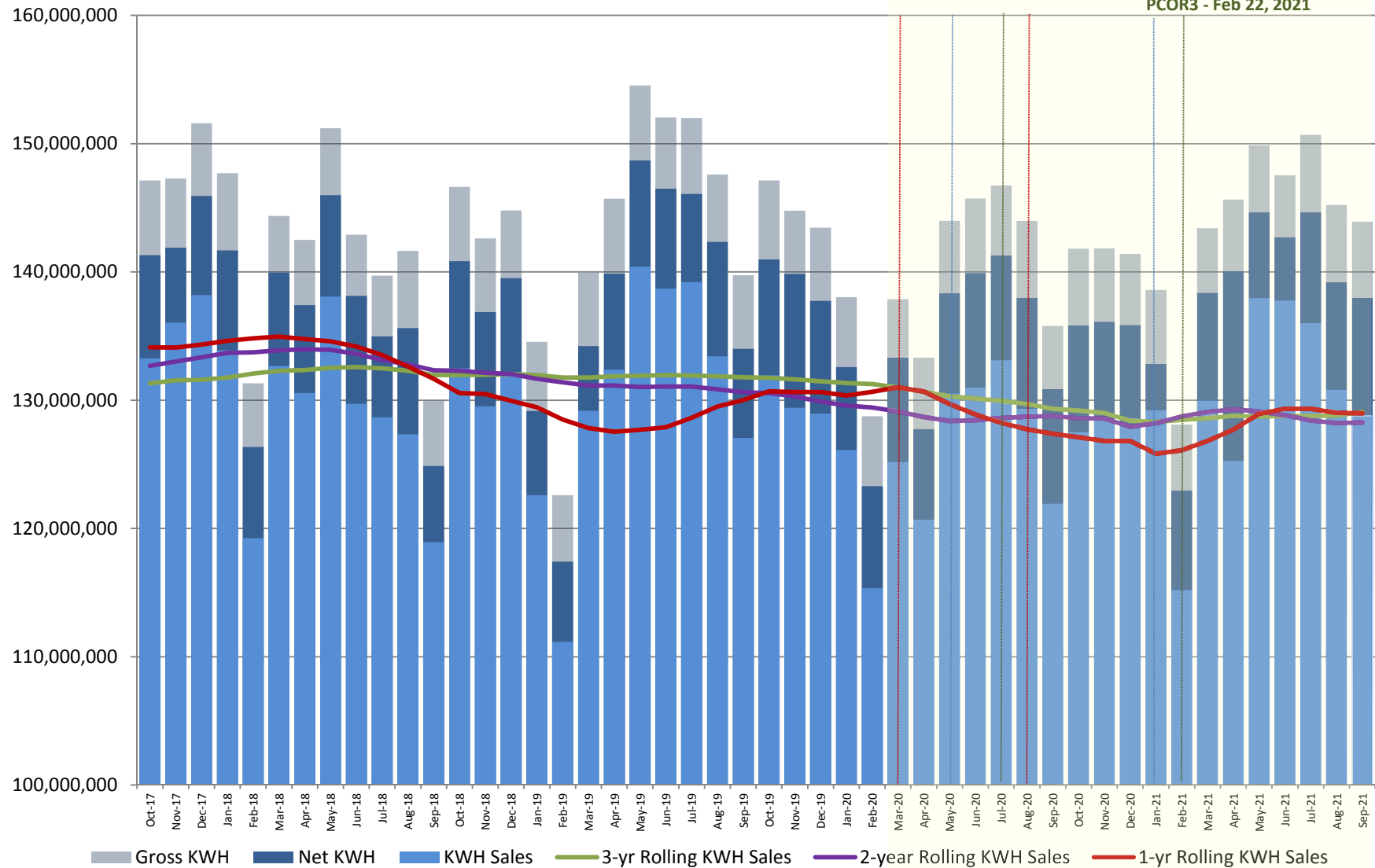
PCOR2 - May 10, 2020

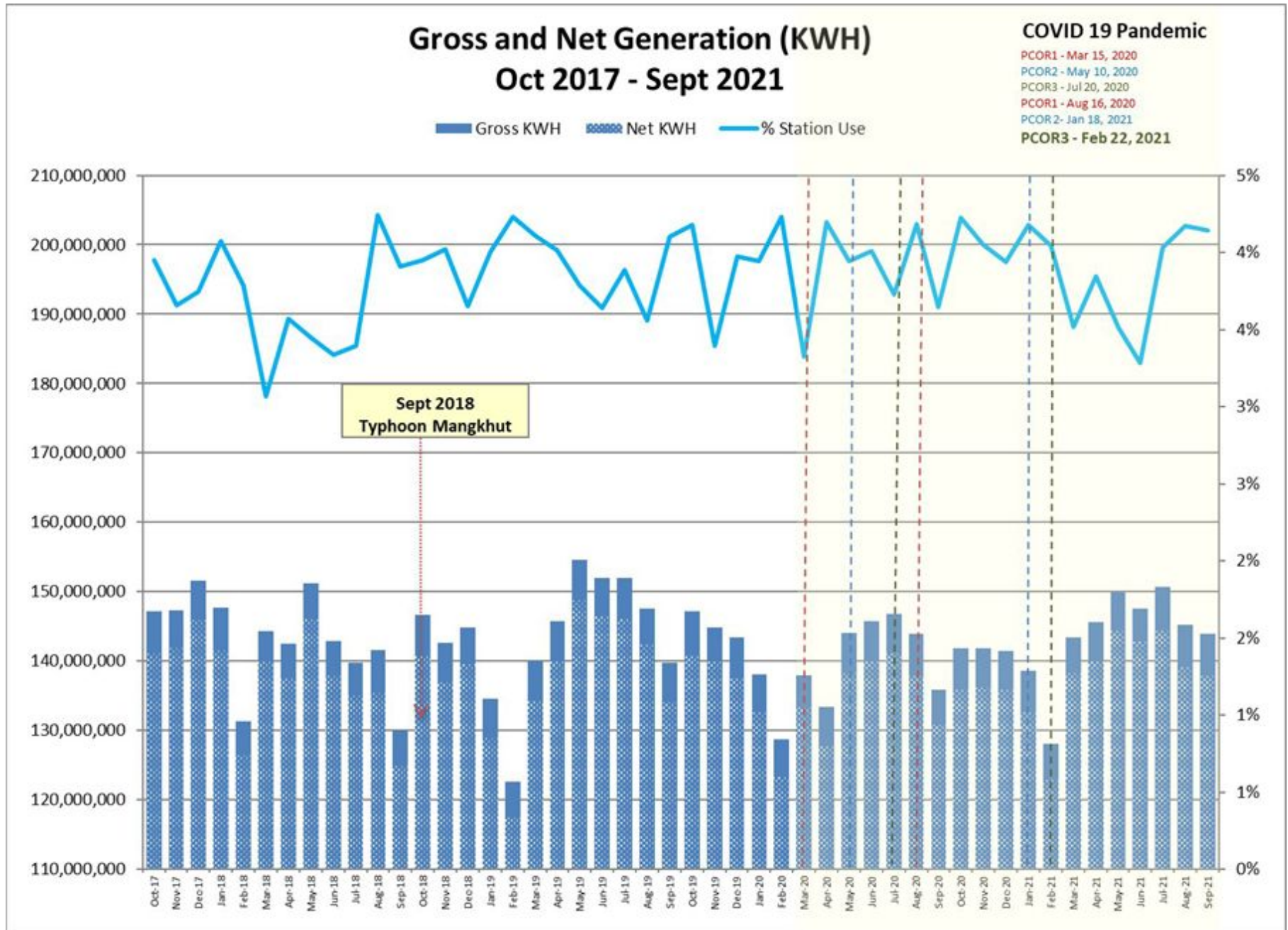
PCOR3 - Jul 20, 2020

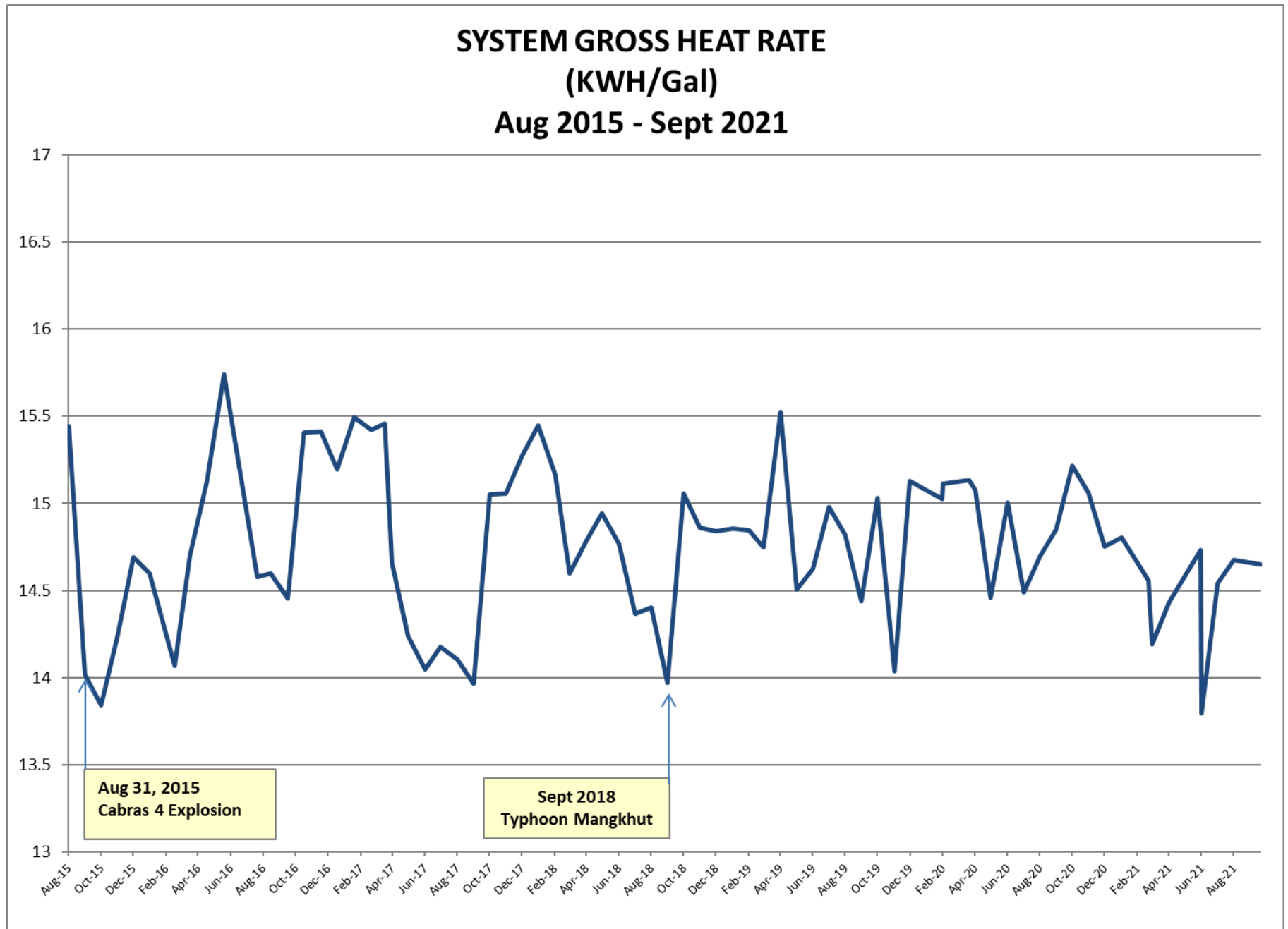
PCOR1 - Aug 16, 2020

PCOR 2- Jan 18, 2021

PCOR3 - Feb 22, 2021







Fuel Cargo and Fuel Consumption Costs (\$/bbl) Oct 2017 - Sept 2021

COVID 19 Pandemic

PCOR1 - Mar 15, 2020

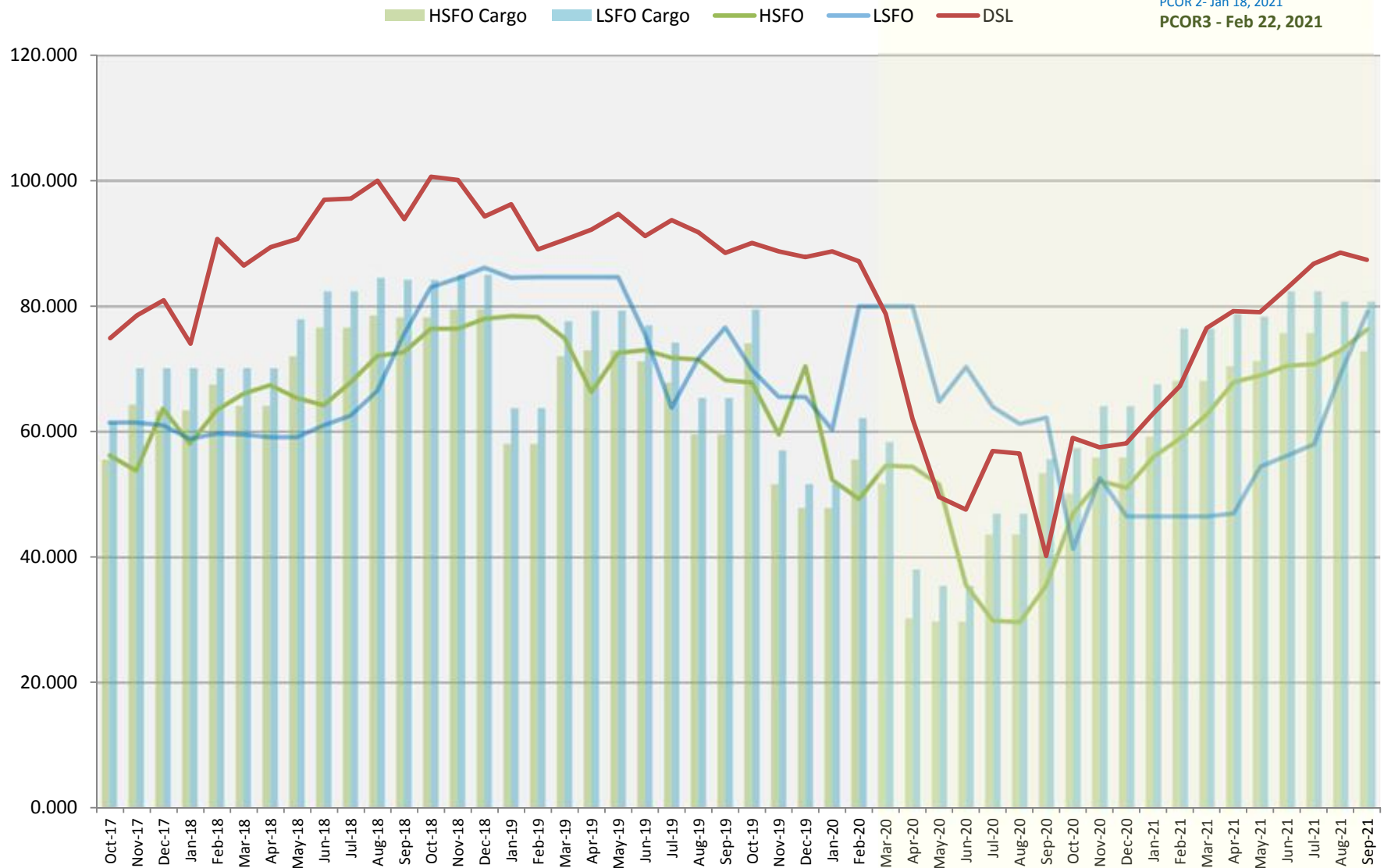
PCOR2 - May 10, 2020

PCOR3 - Jul 20, 2020

PCOR1 - Aug 16, 2020

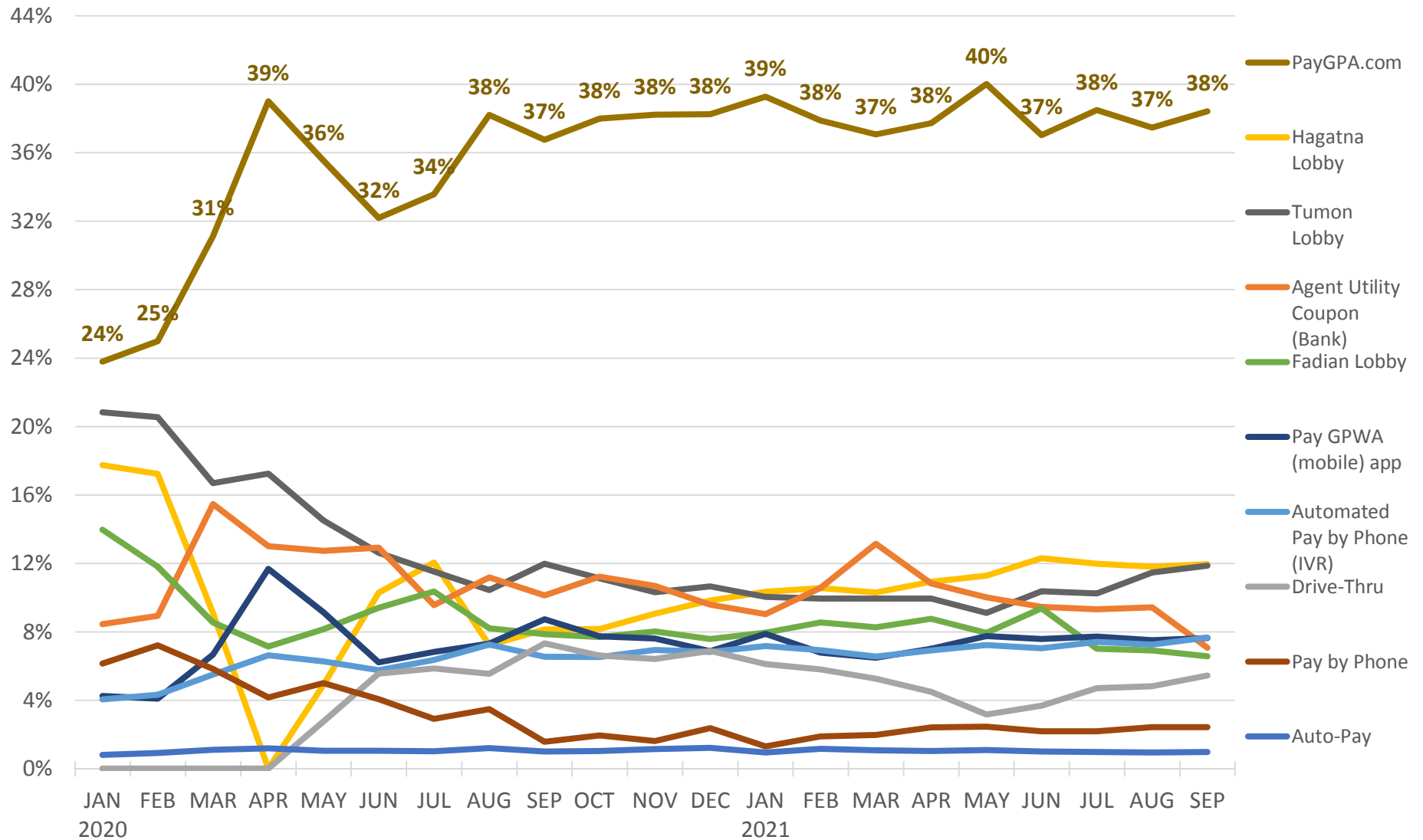
PCOR2 - Jan 18, 2021

PCOR3 - Feb 22, 2021



Customer Service (Administration Division)

Percentage of transactions by collection point
January 2020 - September 2021

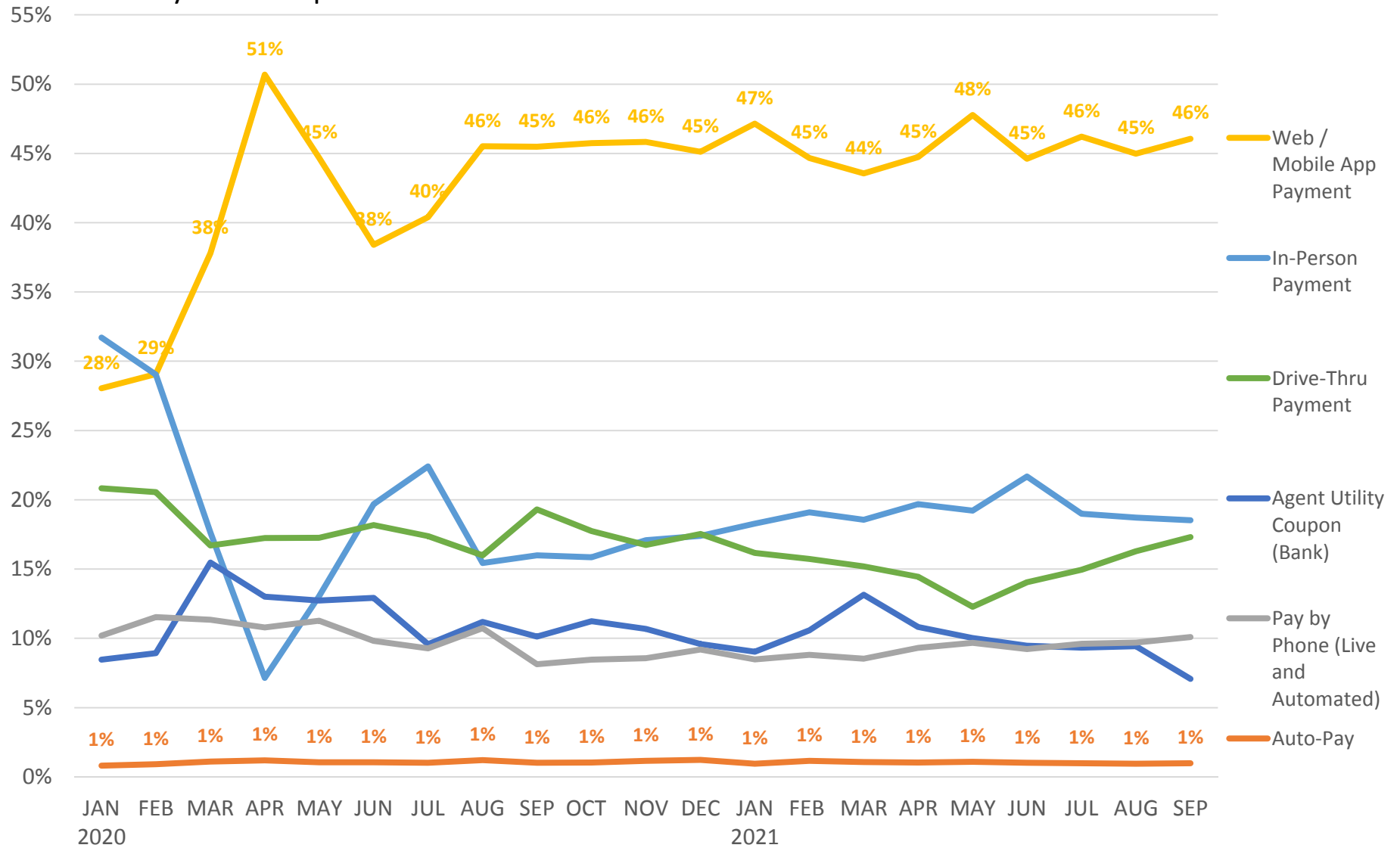


Customer Service (Administration Division)

Percentage of transactions by collection platform type

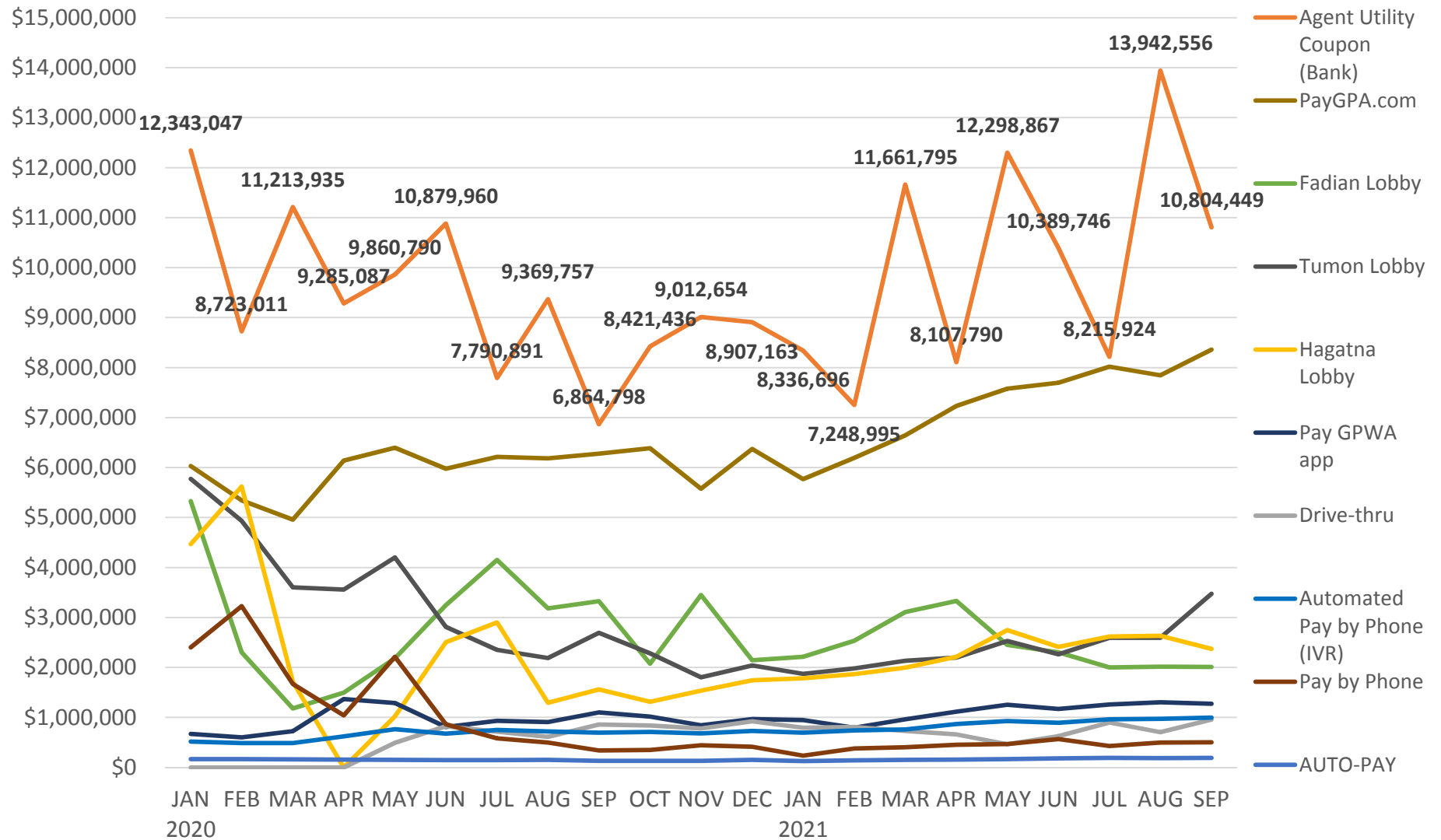
(KPI 1.2.4 – Increase web, pay-by-phone, and prepay payments)

January 2020 - September 2021



Customer Service (Administration Division)

Dollar amount collected per collection point
January 2020 - September 2021



Customer Service (Administration Division)

Reason for Visit by Location

September 2021

Top 5 Reasons for Visit by Location

Hagatna

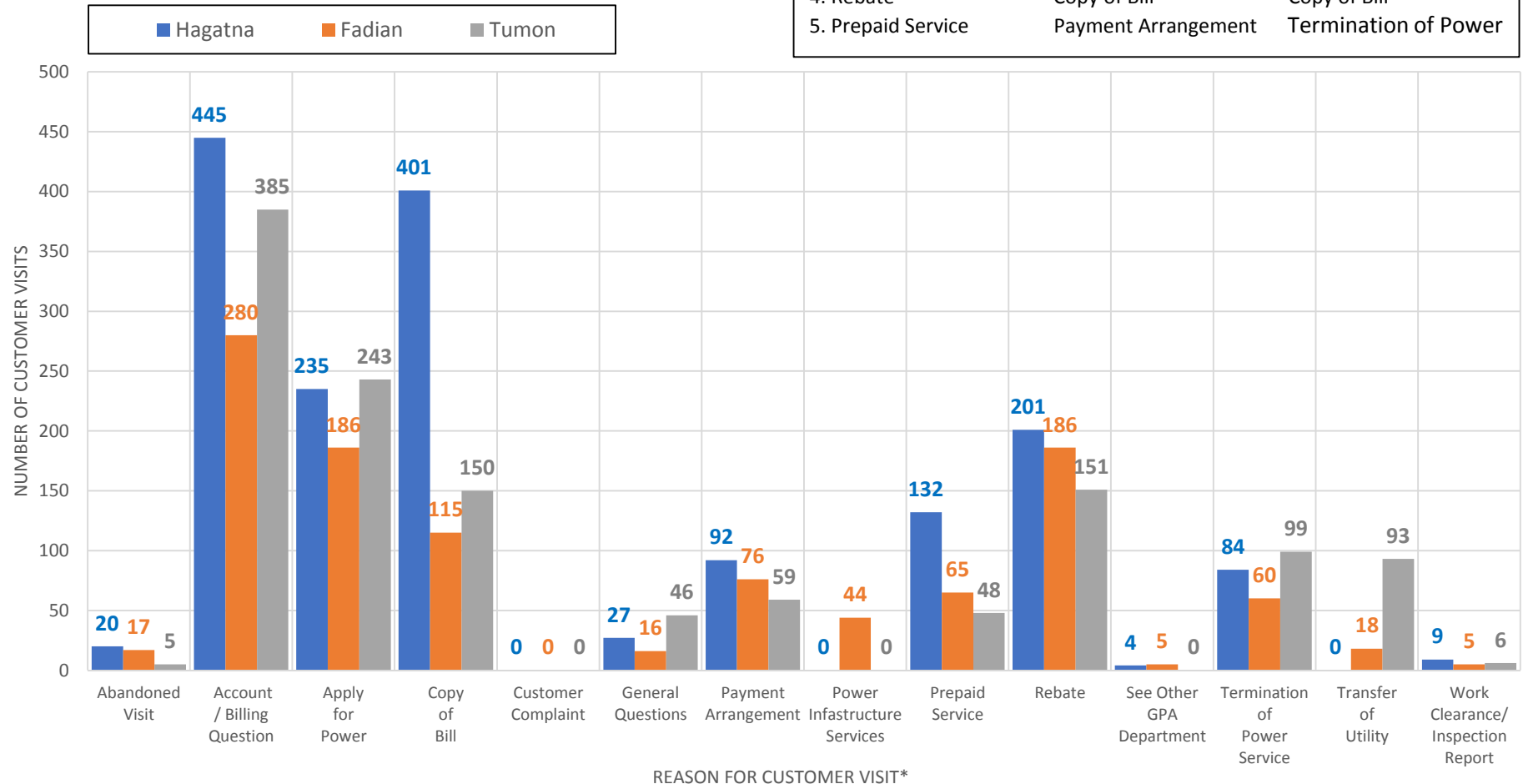
1. Acct/Billing Question
2. Copy of Bill
3. Apply for Power
4. Rebate
5. Prepaid Service

Fadian

1. Acct/Billing Question
- Rebate
- Apply for Power
- Copy of Bill
- Payment Arrangement

Tumon

1. Acct / Billing Question
- Apply for Power
- Rebate
- Copy of Bill
- Termination of Power

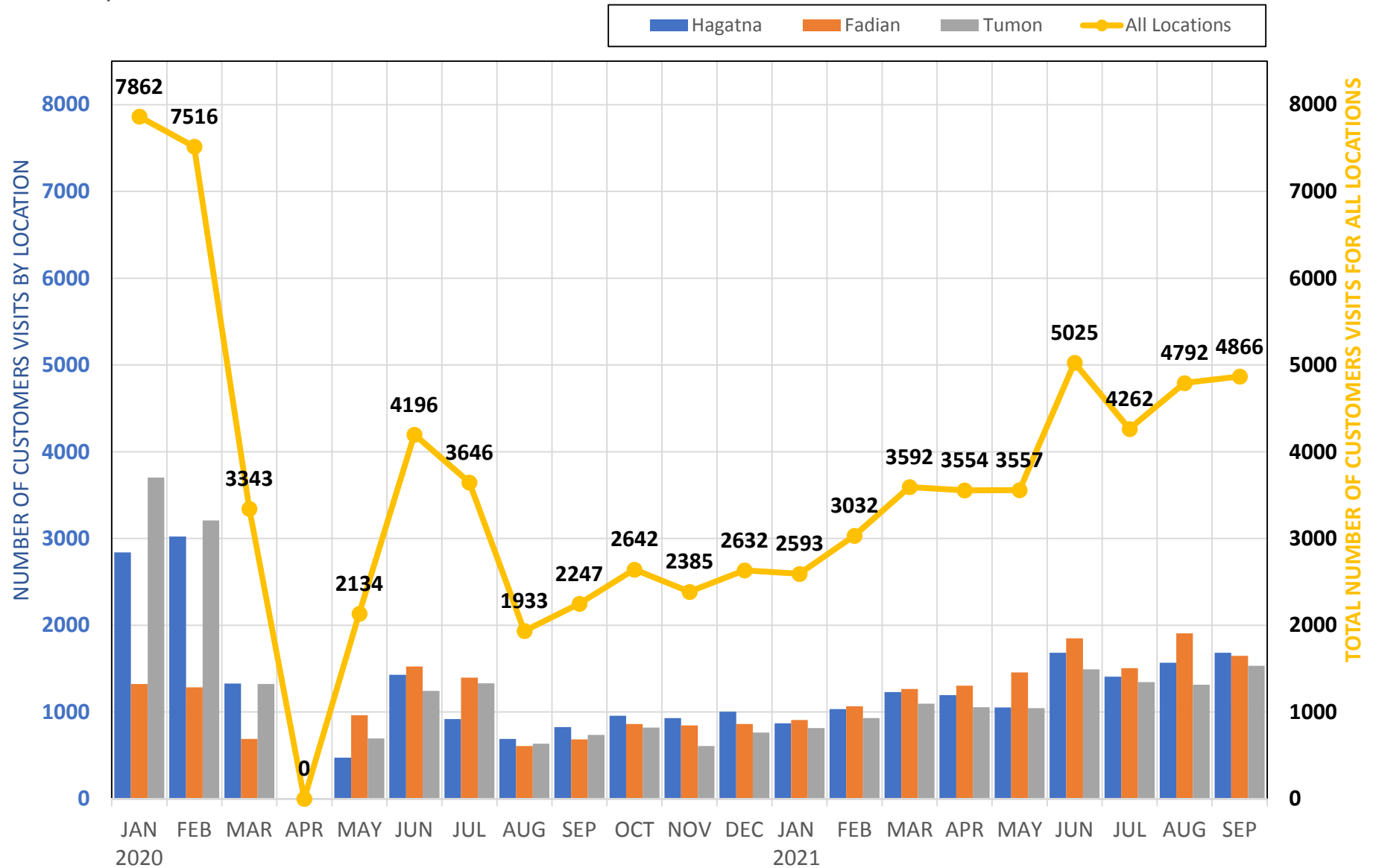


*Each count per **Reason for Customer Visit** represents a customer who visits one of our lobbies. During their visit, the customer will only be counted once, regardless of the number of services provided to the customer. Their reason for visit will be coded based on their initial or primary reason for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

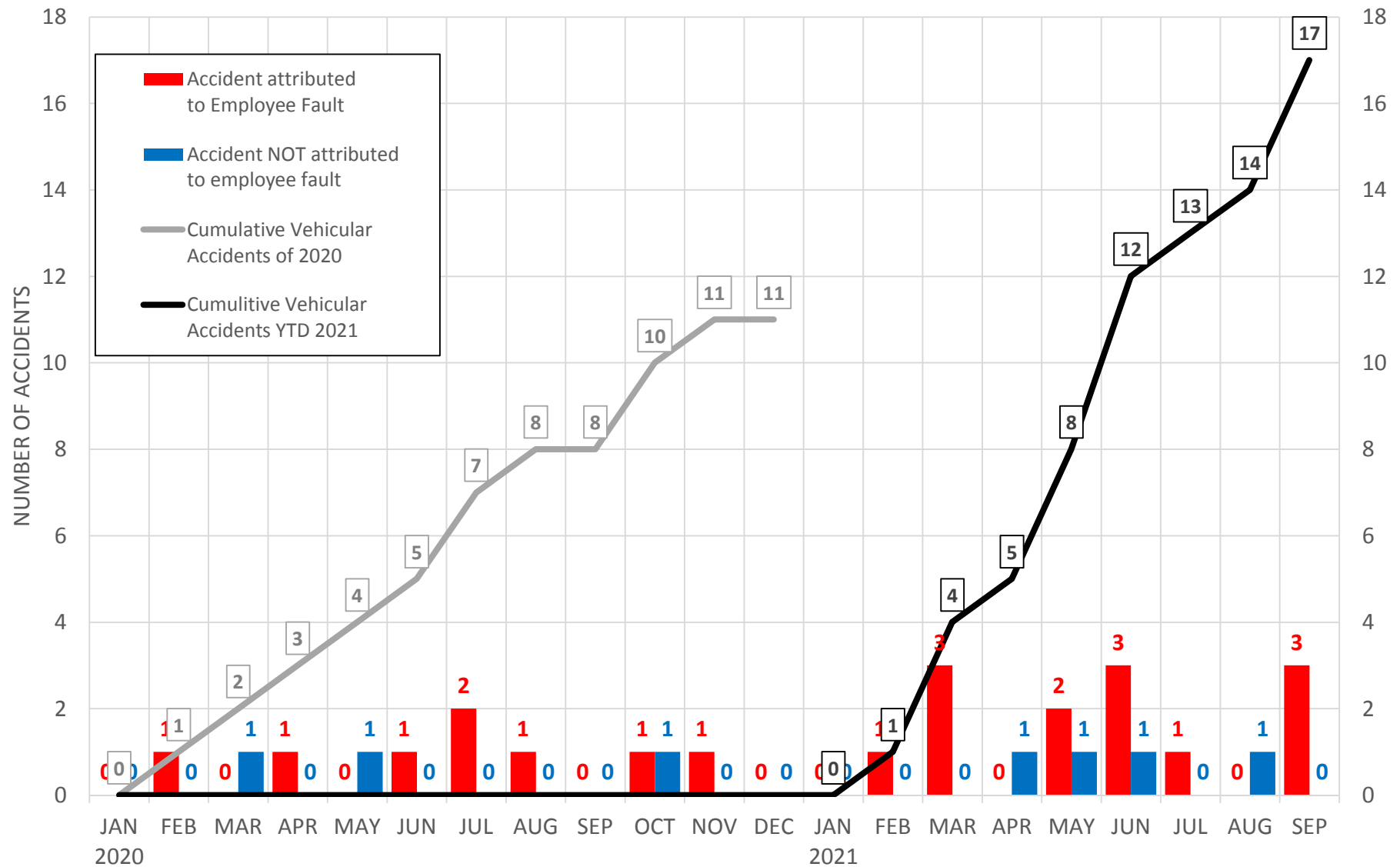
September 2021



Safety (Administration Division)

Vehicular Accidents

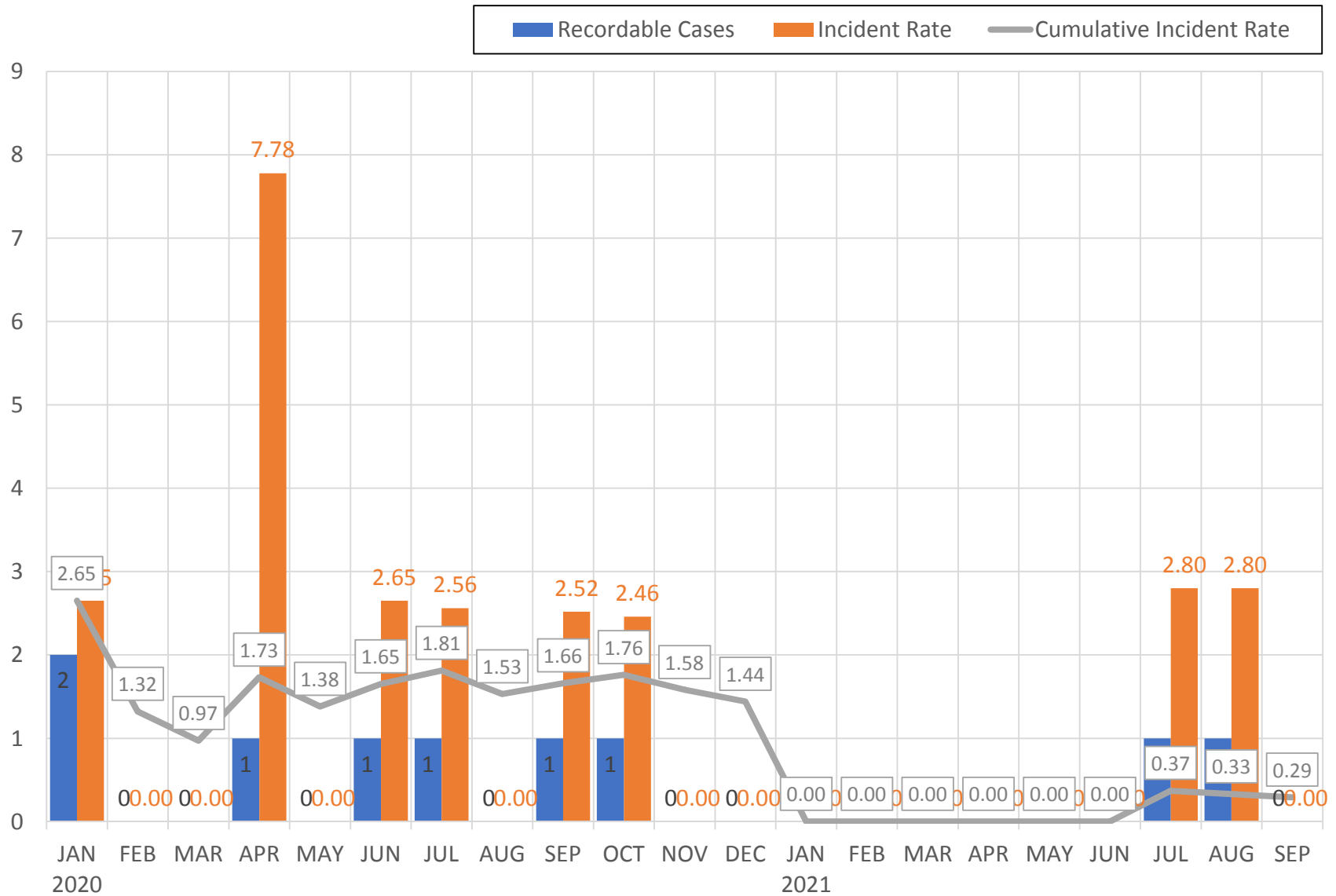
September 2021



Safety (Administration Division)

Incident Rate

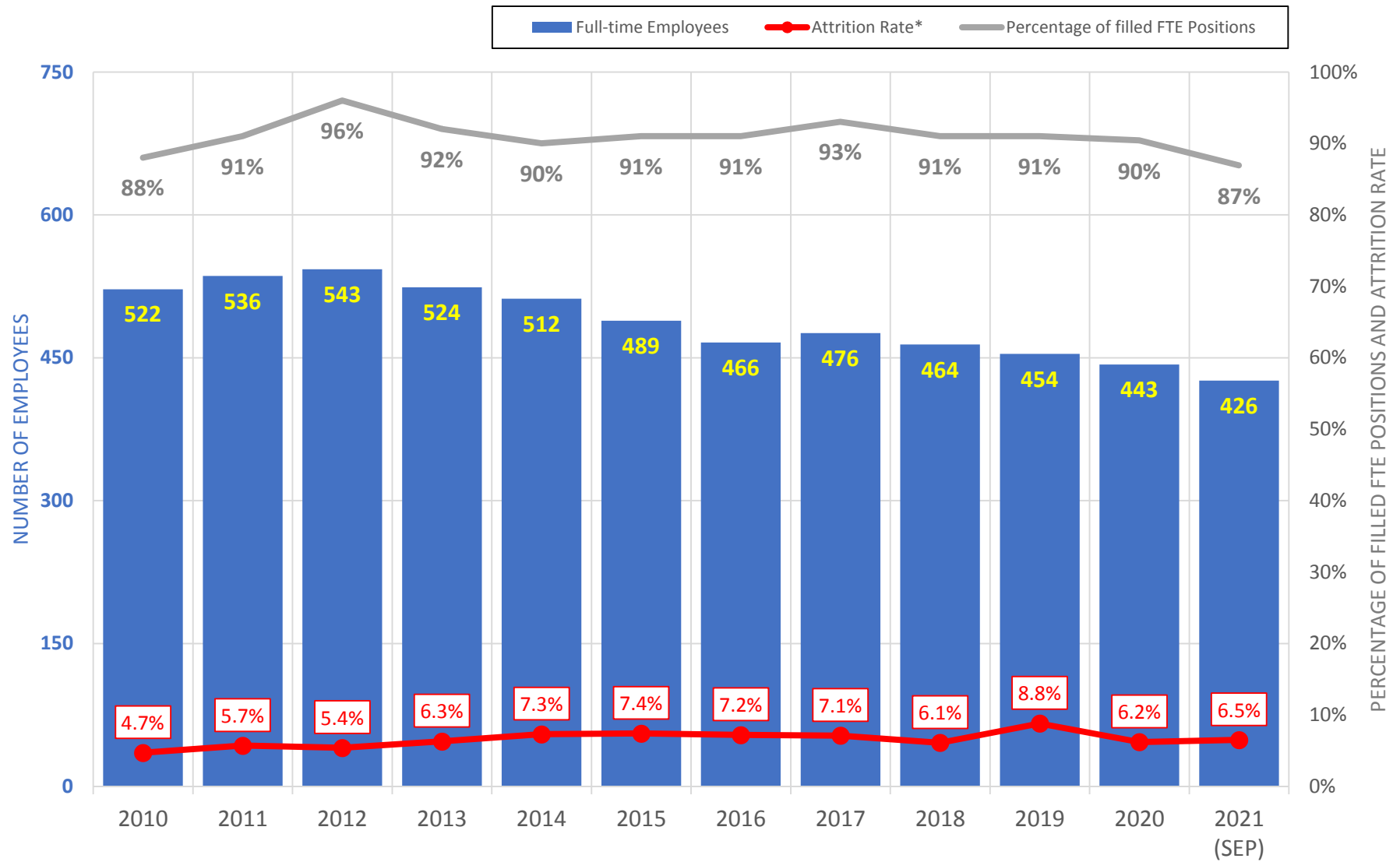
September 2021



Human Resources (Administration Division)

Recruitment Analysis

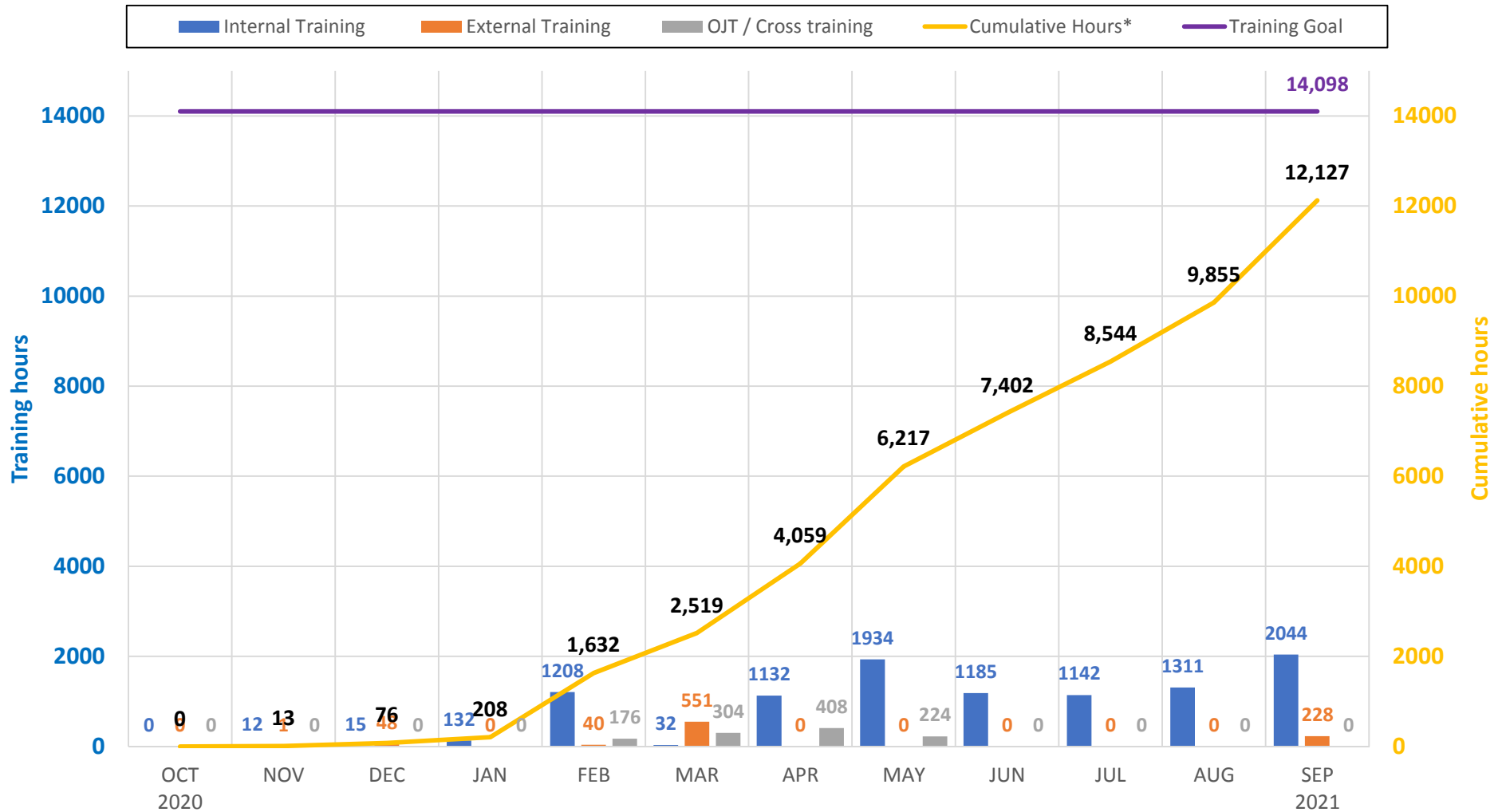
September 2021



*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 September 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 September 2021, GPA has achieved **86.02%** progress towards its cumulative hours training goal.

Procurement (Administration Division)

Notable BID (RFP) monthly status update
September 2021

RFP NO.	DESCRIPTION	DATE		STATUS (as of 09/30/2021)
		ADVERTISTED	RFP Closing	
GPA-RFP-21-005	Merchant Services	05/25/2021 06/01/2021	06/18/2021 at 4pm	Protest filed on 10/04/2021.
GPA-RFP-21-006	GPA ERP System Phase II Upgrade	07/08/2021 07/15/2021	08/05/2021 at 2pm	In progress: on-going negotiation.
GPA-RFP-21-009	Professional Land Survey	09/09/2021 09/16/2021	09/28/2021 at 4pm	In progress
GPA-RFP-21-010	Engineering Procurement & Construction Management (EPCM) Contract	09/09/2021 09/16/2021	10/14/2021 at 4pm	In progress
GPA-RFP-21-011	Archaeological Services for various locations	09/09/2021 09/16/2021	09/28/2021 At 4pm	In progress

Procurement (Administration Division)

Notable BID (IFB) monthly status update

September 2021

IFB NO.	DESCRIPTION	DATE ADVERTISED	BID OPENING	STATUS (as of 09/30/2021)
GPA-039-21	New, 2021 50-Ton Trailer	06/03/2021 06/10/2021	08/12/2021 at 10am	Cancelled. For re-bid. No successful bidder.
GPA-043-21	Protection Relays	07/27/2021	08/11/2021 at 11am	In progress – under evaluation.
GPA-044-21	Corrective Maintenance for Wind Turbine Power Plant	05/27/2021 06/03/2021	07/01/2021 at 10am	Cancelled. For re-bid. No bid submission.
GPA-048-21	New, 2021 65 Foot 4x4 Bucket Trucks	06/17/2021 06/24/2021	7/7/2021 at 11am	In progress – requires CCU resolution.
GPA-049-21	Desktop Computers	07/08/2021 07/15/2021	7/22/2021 at 11am	In progress – under evaluation.
GPA-050-21	New, 2021 Heavy Duty Tractor Truck	07/27/2021	08/10/2021 at 10am	In progress – under evaluation.
GPA-051-21	Pole Mounted Transformers	06/29/2021 07/06/2021	07/13/2021 at 11am	In progress – under evaluation.
GPA-052-21	LED Luminaire, 250W equivalent	06/29/2021 07/06/2021	07/14/2021 at 10am	In progress – pending Guam business license.
GPA-054-21	LED Luminaire, 250W equivalent	06/29/2021 07/06/2021	07/15/2021 at 10am	In progress – pending Guam business license.
GPA-055-21	Bracket, Mast Arm Streetlight Aluminum	06/29/2021 07/06/2021	07/15/2021 at 11am	In progress – OP to be awarded.
GPA-056-21	Wire	07/08/2021 07/15/2021	07/22/2021 at 2pm	In progress – OP to be awarded.
GPA-057-21	Bolt, Double Arming, Galvanized, 5/8" x 20"	07/08/2021 07/15/2021	07/22/2021 at 3pm	Protest filed on 09/10/2021.

Procurement (Administration Division)

Protests and Appeals monthly status

September 2021

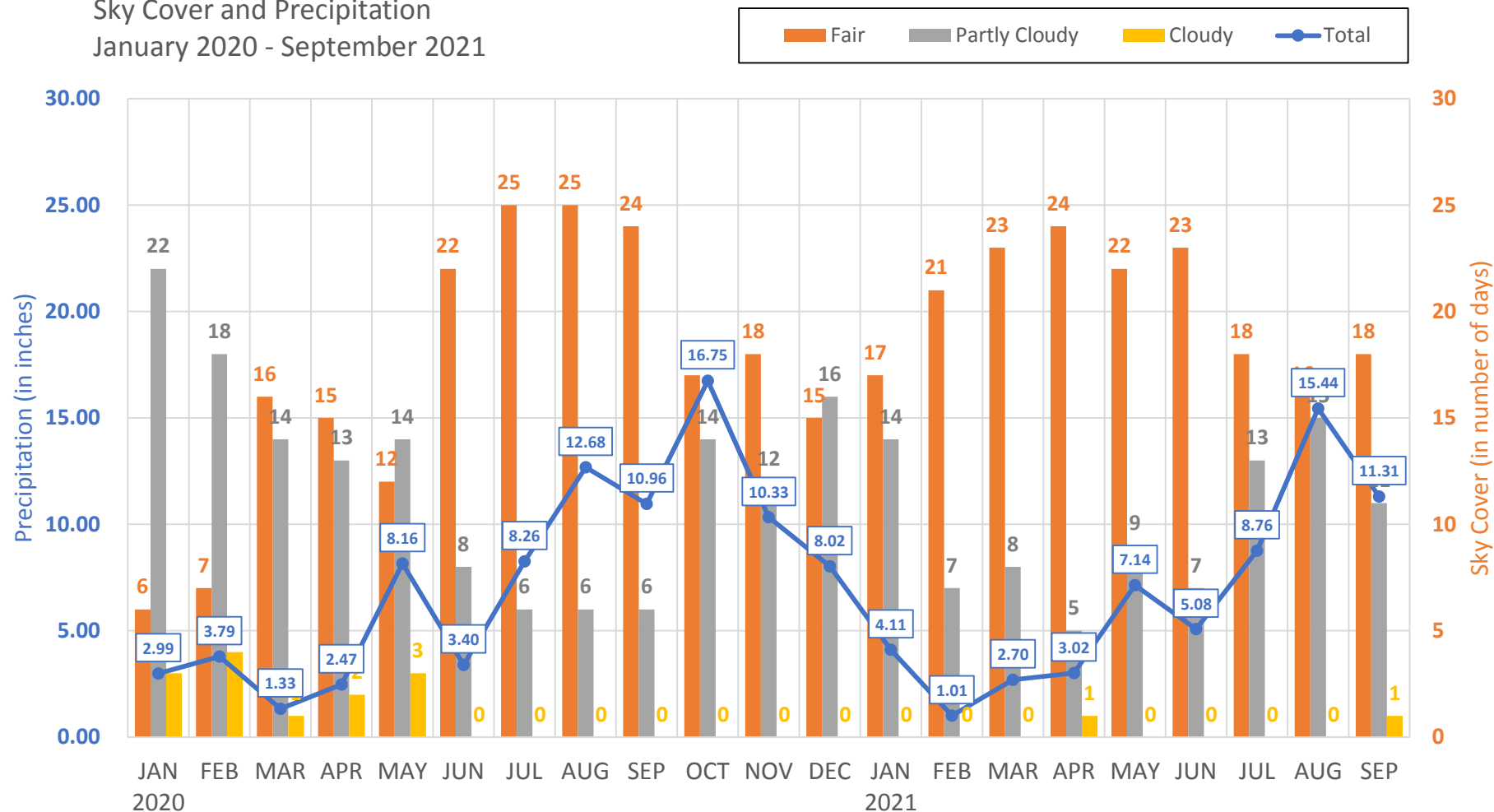
No.	IFB No. , MS Bid No., or RFP No.	Description	Protest or Appeal	Protest filed by:	Stay of Procurement issue date	Stay of Procurement lift date	Status / Comments
1	GPA-IFB-081-18	2018, 2-wheel steel body step van	Protest	Morrico	06/15/2018		Roberts Folwer & Visosky Office filed protest
2	GPA-IFB-043-20	Voice and data services	Protest	Pacific Data System	06/09/2020		
3	GPA-IFB-059-21	Substation network switch	Protest	Pacific Data System	09/09/2021		
4	GPA-IFB-057-21	Bolts, double arming, galvanize 5/8" x 20"	Protest	R&D Marketing	09/10/2021		
5	GPA RFP-21-002	Professional print, mailing and processing services related to utility customer billing	Protest	Graphic Center		10/11/2021	
6	GPA RFP-21-005	Merchant services	Protest	Bank of Guam	10/04/2021		

No.	IFB No. , MS Bid No., or RFP No.	Description	Protest or Appeal	OPA or Civil Case No.	Notice of Appeal received date	Notice of Appeal hearing date	Status / Comments
1	MS GPA-007-18	Renewable energy resource Phase III	Appeal	OPA-PA-19-010, OPA-PA-20-001, OPA-PA-20-007, and Superior Court of Guam Civil Case # CV0767-20			Appeal currently at Superior Court of Guam
2	GPA-IFB-024-21	Fleet and fuel management software services	Appeal	OPA-PA-21-002	07/01/2021	09/07/2021	pending OPA findings

Guam Climate Summary

Sky Cover and Precipitation

January 2020 - September 2021

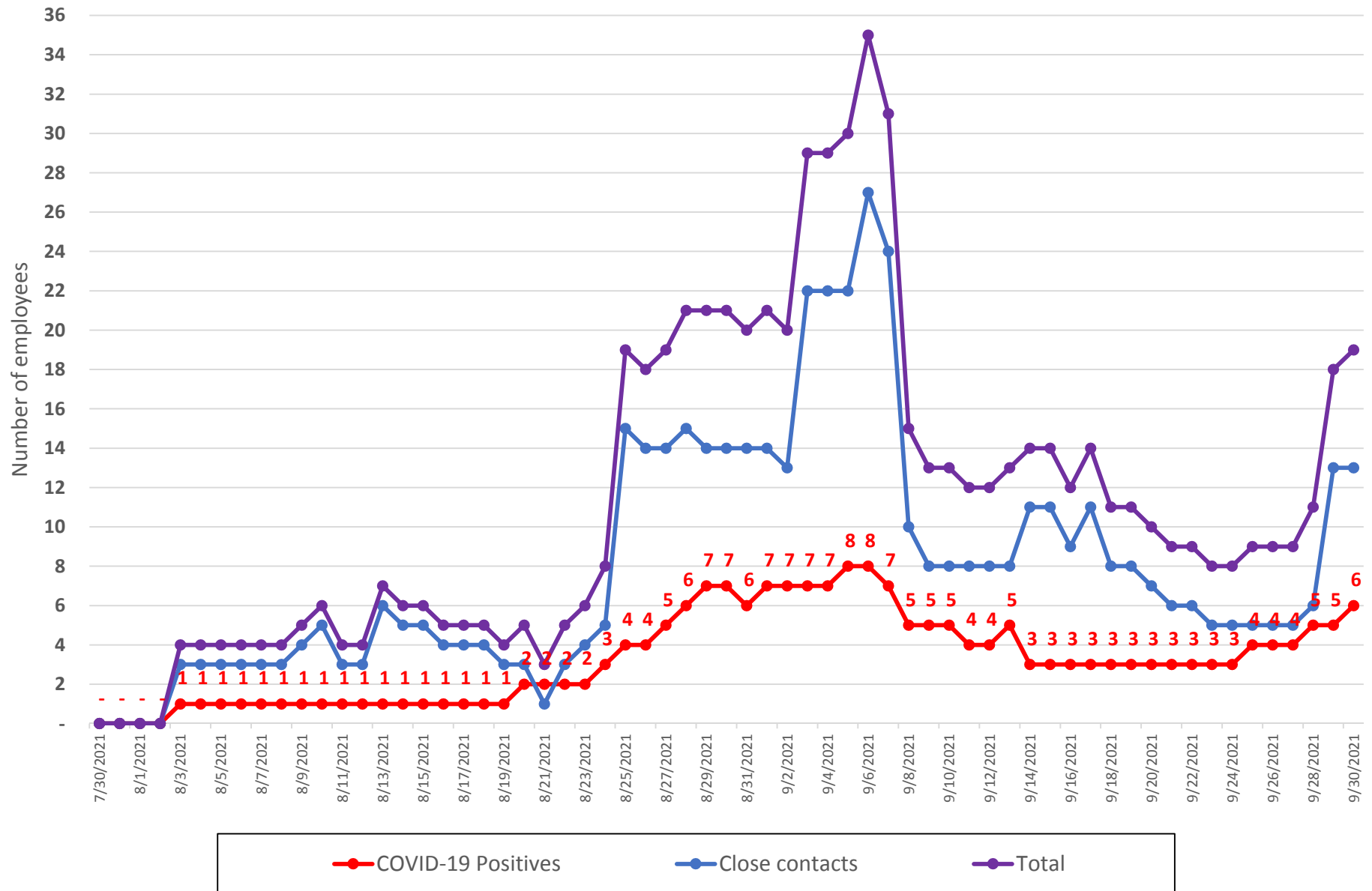


Month	Year	Temperature (in Fahrenheit)			Precipitation (in inches)		Sky Cover (in days)			Weather Conditions (no. of days with)						Weather Event	
		High	Mean	Low	Total	Greatest 24-hour	Fair	Partly Cloudy	Cloudy	Thunder storm	Heavy Rain	Rain	Light Rain	Fog	Haze	Name	Day
SEP	2021	90	82.5	76	11.31	4.19	18	11	1	4	10	14	22	0	0	Tropical Storm Mindulle (20W)	23

GPA Employee Availability

COVID-19 count (Positives and Close Contacts)

From 7/30/ 2021 to 09/30/2021



E&TS Divisional Report Summary

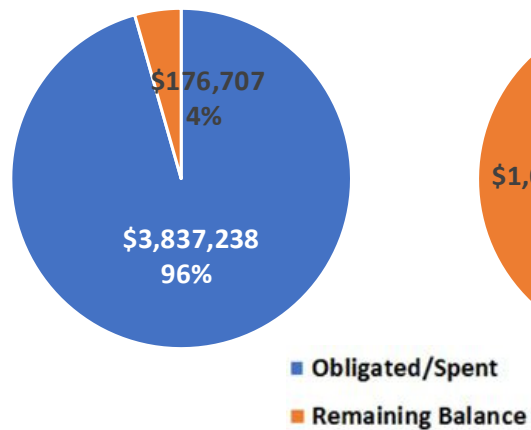
September 30, 2021

Contents

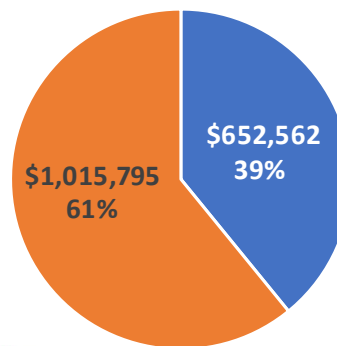
- E&TS Budget Execution Performance
 - O&M Contract Budget
 - CIP Budget
 - DSM Budget
- Environmental Compliance (SPCC and BMP Inspections)

E&TS Budget Execution Performance

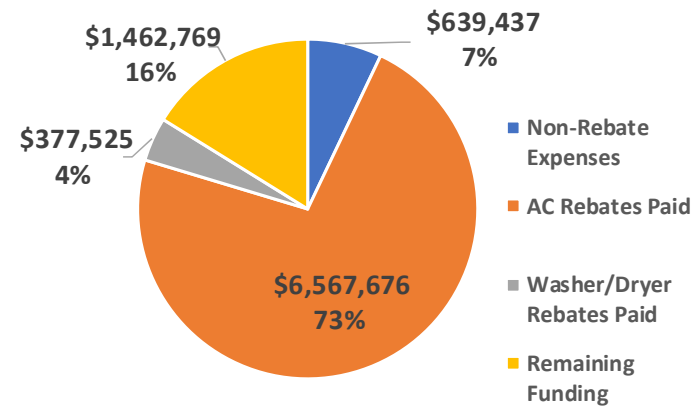
E&TS O&M Contract Budget



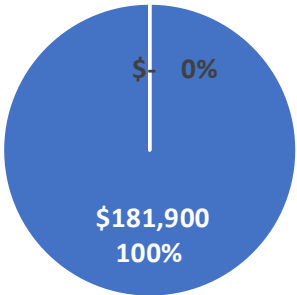
E&TS CIP Budget



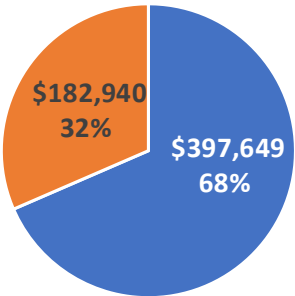
OCT 2016 to SEP 2021 DSM EXPENSE SUMMARY



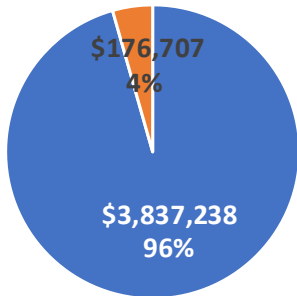
ENG O&M Contract Budget



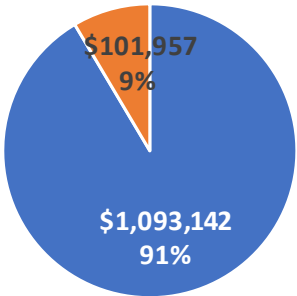
SPORD O&M Contract Budget



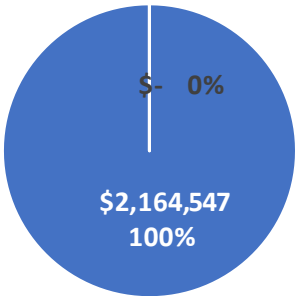
E&TS O&M Contract Budget



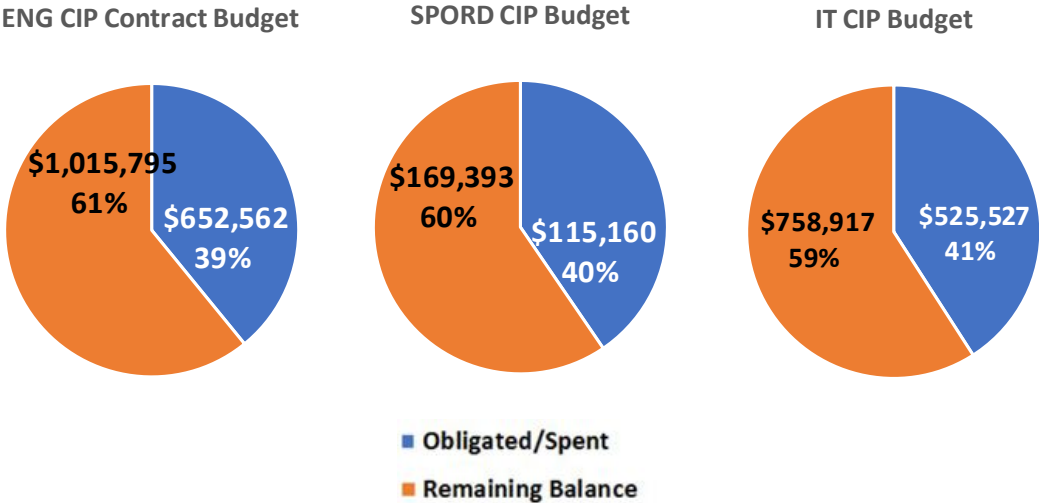
P&R O&M Contract Budget



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	1		2	3				1	2	1	1	4
Engineering				0								0
SPORD/Engineering				0								0
IT	5	2		7					5	2		7
P&R		2	1	3			1		1	1		2
Total	6	4	3	13	0	0	1	1	8	4	1	13

Environmental Compliance

P&R Inspections Status Ending September 30, 2021

Inspection Type	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Generation	New Violation Notifications Issued	3
		Remediations Past Due	23
		Remediations Not Past Due	0
	T&D	New Violation Notifications Issued	1
		Remediations Past Due	2
		Remediations Not Past Due	0
Best Management Practices (BMPs)	Generation	New Violation Notifications Issued	0
		Remediations Past Due	12
		Remediations Not Past Due	0

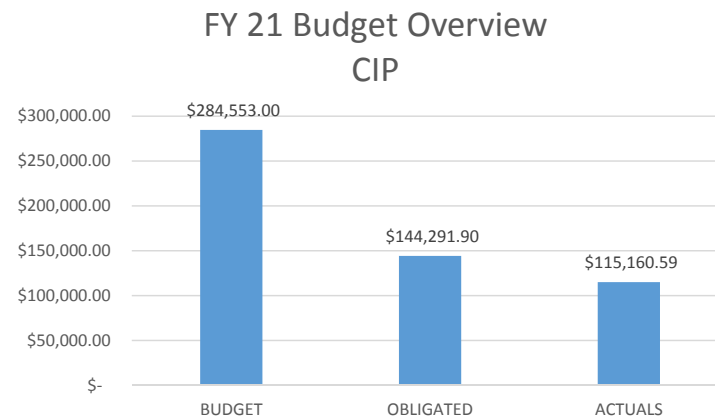
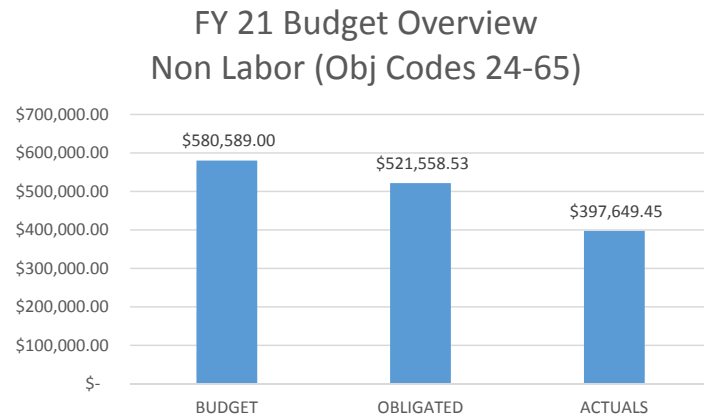
- SPCC rule purpose is to help facilities prevent oil discharges into navigable waters or adjoining shorelines
- BMP refers to a type of auxiliary pollution controls in the fields of industrial wastewater control and municipal sewage control, storm water management, and wetland management

SPORD CCU Report

Update thru September 30, 2021

SPORD FY 2020 Budget Status

thru September 30, 2021



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

SPORD FY 2020 Budget Status

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

Contract Description	Budgeted Amount	Committed Amount	Actuals	PO Balance
Aggreko Contract	\$ 3,867,541	\$ 3,867,541	\$ 3,867,262	\$ 279
Fuel Contracts	\$ 207,954,225	\$ 207,954,225	\$ 191,377,908	\$ 16,576,317
MEC IPP (Piti 8&9)	\$ 18,764,855	\$ 16,955,569	\$ 14,852,085	\$ 2,103,484
Glidepath Contract (Renewable)	\$ 10,293,842	\$ 10,293,842	\$ 9,329,952	\$ 963,890

Preliminary and subject to final postings.

SPORD FY 2020 Budget Status

Demand Side Management

Description	FY16	FY17	FY18	FY19	FY20	FY21	Total to Date
						Posting Thru 9/30/21	
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$47,402.18	\$160,464.20	\$318,308.20
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	\$1,634,425.00	\$6,538,876.00
Paid Rebates- Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$2,400.00	\$3,900.00	\$28,800.00
Paid Rebates- Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$91,003.00	\$108,297.00	\$377,525.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$1,554,690.19	\$1,608,806.18	\$1,979,736.20	\$7,578,990.25
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$439.12	\$269.04	\$6,059.66
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$1,702.64	\$425.00	\$5,647.32

**Preliminary Data as of 9/30/21*

DSM Ending Balance: \$1,577,757.55

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
 - *September 2021 Project Activities*

PENDING AWARD / NTP

Responsible	PROJECT	Description	CCU Date Approved (Resolution No.)	PUC Date Approved (Docket No.)	Projected Start*	Projected Completion	Status
SPORD (ANF)	FUEL	Diesel Inspection and Testing Services	NA	NA	12/1/2021		Contract commencement date: Dec 1, 2021
None							

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 Superior Court as of Oct 2020. Hearing scheduled for 9/22/21
SPORD (ANF)	FUEL	Bulk ULSD Supply	MS Bid	MS GPA-047-21	6/10/2021	9/16/2021	Contract commencement date: Jan 1, 2022
SPORD (JGS)	EPCM	Engineering, Procurement & Construction Management (for Ukudu Power Plant)	RFP	GPA-RFP-21-010	9/9/2021	10/14/2021	

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. Changes based on 2021 Reliability Study and 2021 Generation Expansion Plan recommendations will be included.
SPORD (RAC)	SCADA	Replicated Database	RFP	TBD	TBD	Developing Scope of Work & RFP Documents
SPORD (JTL)	ESS	Standby Generator & Automatic Transfer Switch for Talofoto 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 2023	Bid Package Preparation Ongoing. Previous Bid Package format need to be updated and include additive bid item for EV Charger Integration.

No.	Project Description	September 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. Replacement of recalled batteries commenced 8/30/21 with expected completion within 3 months. Talofofo ESS battery replacements and testing will be completed by 10/15/21. Agana ESS battery replacements will commence on 10/18/21.	Construction phase of contract completed. O&M phase on-going. Battery replacements on-going.	MS Bid GPA-082-15
2	Renewable Energy Resource Phase II	<p>- KEPCO project is approximately 90.12% complete (214,914 of 220,000 PV Panels installed and 16 of 16 Battery Inverters Stations installed.) DPW has lifted the stop work order. Samsung is still working with GEPA on NOV compliance. The stop work order impacted the December 2021 target for commissioning and a new target being evaluated.</p> <p>- Hanwha's design and construction permit is ongoing. GPA completed its review of the Transmission line design (from Malojoj to Apra substation).</p>	<p>KEPCO PV plant COD is extended from January 21, 2022 to May 20, 2022.</p> <p>Hanwha's COD is extended from Aug 22, 2022 to Dec 22, 2023.</p>	MS Bid GPA-070-16
3	New Power Plant Bid (EPCM)	<p>Progress includes:</p> <p>Guam EPA/ USEPA - Ukudu Plant air permit under USEPA technical review. Piti Diesel Plant EIA and Single Source Determination Request under review.</p> <p>GWA - The tri-party water supply & wastewater discharge agreement draft under review with GWA. KEPCO/Doosan proposal for phosphate removal is pending KEPCO response on GPA proposal questions. Emergency wells for cooling water backup under evaluation for budgeting numbers.</p> <p>Pipeline Activities - Team submitted comprehensive piping abandonment plan to GEPA for review of cleaning and demolition of the above ground portion of the Tanguisson pipeline. Inclement weather has delayed the additional shovel test at the Pendislong Springs for cultural site impact evaluation.</p> <p>EPCM Contract - New EPCM RFP issued and closes 10/14/21.</p> <p>Buffer Zone Issue - GPA seeking to get waiver through legislature for Piti location of the Ukudu back up diesel units.</p> <p>Section 106 - KEPCO submitted the revised bull cart trail design drawings.</p> <p>Substation (Single Line Diagram) Design - GPA and KEPCO discussed ring bus as a design option.</p>	ECA Project COD -Target November 2023	MS GPA-034-18
4	DSM Marketing	- GPA issued the following tasks - EV dealership survey, K-12 Stem marketing kit, Energy Efficiency Program - factsheets, website updates, media press plan, and Energy Sense Survey	Continuous	
5	DSM Rebate Program	Processed 564 applications for rebates totaling \$147K in the reporting period (Sep 2021).	Continuous	

No.	Project Description	September 2021 Activities	Status / Est. Completion	RFP/Bid No
6	Wireless Network Expansion	Commenced Southern Expansion	Dec-22	GPA-RFP-19-010
		Dandan Substation Installation Design - Waiting on Materials for installation Apra Heights Installation Design - Waiting on Materials for installation	Dec-21	
7	Smartworks MDM and Eportal	Data Migration from Oracle to Postgres Plan (Upgrade to latest version pre-requisite) Upgrade on Existing Test and Production System Ongoing	Dec-21	GPA-RFP-19-007
8	GDOE BEST Schools	<u>2019 DOI Award Projects:</u> Agueda Johnston Middle School LED Lighting Retrofit (\$586,771) and Maria Ulloa Elementary School LED Lighting Retrofit (\$522,616). - LED Retrofit ongoing at Maria Ulloa Elementary School. Est. completion (construction) Construction Ongoing. LED Retrofit at Agueda Johnston Middle substantially completed, pending punchlist. - 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 and Agueda Johnston SOW modifications. 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 2/10/21.</i>	Estimated Start: May 2021 Est. Completion: Oct 2021	GPA-RFP-16-013
9	Supervisory Control and Data Acquisition (SCADA) System	SCADA Systems Implementation completed. IT recommends SCADA and OMS network be separated. Integration will be integrated directly to the devices and not directly to SCADA.	Feb 2019 (Punchlist items by tentative June 2021 due to COVID)	GPA-066-16
10	Mobile Workforce Management System	Project Implementation to production completed.	May '21	GPA-RFP-18-013
11	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	L+G submitted remaining 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 - October 21, 2021 - GM REPORT UPDATES

No.	Project Description	September 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 in September 2021 but no oral arguments.	TBD	GPA-007-18
15	Utility Energy Services Contract (UESC)	- Continued work with GDOE on Best Schools Program (Grant & Pilot). - Obtained extension through March 2022 approval on AAFB parking lot lighting upgrade due to site condition findings (~\$198K). - Siemens continued work on the Investment Grade Audit for UOG	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 early 2022.	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 and sludge processing 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	OMS Training being completed on week of Sept 12. Upgrade of OMS production planned December pending resources.	Continuous	GPA-RFP-18-003
19	MV90 Integration Services	Production servers Provisioned and Updates ongoing. Meter download configurations and testing ongoing.	Oct-21	GPA-RFP-18-001
20	Grant Support	Continued grant development and execution. For Guam Energy Office Grant: 1. Energy Management Plan ongoing. 2. EnergySmart Schools Conference planned for Nov. 2021.	GEO MOA Finalize: Sept '19 Grant Scope Completion: Dec. '21	
21	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
22	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
23	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: October 2021	GPA-RFP-17-002 / UFS / S&P

GPA Work Session - October 21, 2021 - GM REPORT UPDATES

No.	Project Description	September 2021 Activities	Status / Est. Completion	RFP/Bid No
24	Energy Storage Development Support	Consultant provided support for third-party commissioning services.	Work Completed - PO expired 9/30/21	GPA-RFP-13-007
25	Utility Resource Planning Software RFP.	RFP cancelled. A new RFP is being developed and scheduled for announcement in FY 2022 pending budget request approval.	Planned Completion: 9/30/2022	TBD
26	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	
27	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
28	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
29	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
30	Reliability Studies	RFQ to complete SC-MVA analysis supplementing Reliability Study and Generation Expansion Plan issued and awarded in Sept 2021.	Est. Completion:TBD (same as IRP)	S&C
31	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
32	DSM Digitization	Xtendly demoed development of batching feature. Final UAT and testing scenarios to start 10/18/2021. IT verifying storage, security, and other technical requirements. Marketing campaign and supporting documents under development. Go-Live pushed back and estimated to around late November.	Project Start: Sep 2020 Est. Completion: TBD	TBD
33	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 September 30, 2021

All Expenses – Fiscal Year

Description	FY16	FY17	FY18	FY19	FY20	FY21	Total to Date
						Posting Thru 9/30/21	
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$50,715.19	\$47,402.18	\$160,464.20	\$318,308.20
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	\$1,634,425.00	\$6,538,876.00
Paid Rebates–Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$6,500.00	\$2,400.00	\$3,900.00	\$28,800.00
Paid Rebates–Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$110,800.00	\$91,003.00	\$108,297.00	\$377,525.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$1,554,690.19	\$1,608,806.18	\$1,979,736.20	\$7,578,990.25
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$730.05	\$439.12	\$269.04	\$6,059.66
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$1,247.54	\$1,702.64	\$425.00	\$5,647.32

**Preliminary Data as of 9/30/21*

DSM Funding

No.	Description	Amount
1	Initial DSM Budget FY 2016	\$1,806,014.00
2	Interest Income	\$6,059.66
3	Bank Fees	\$5,647.32
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 Aug 2021)	\$3,535,159.79
5	Total Expense FY2016– FY2020 (Ending May 2020)	\$4,355,078.30
6	Total Expense FY2020 –FY2021 (June 2020 to Sep 2021)	\$3,223,911.95
	DSM Ending Balance – LEAC Funds	\$1,577,757.55

**Preliminary Data as of 9/30/21*

FY 2020- Rebate Amount Paid Monthly

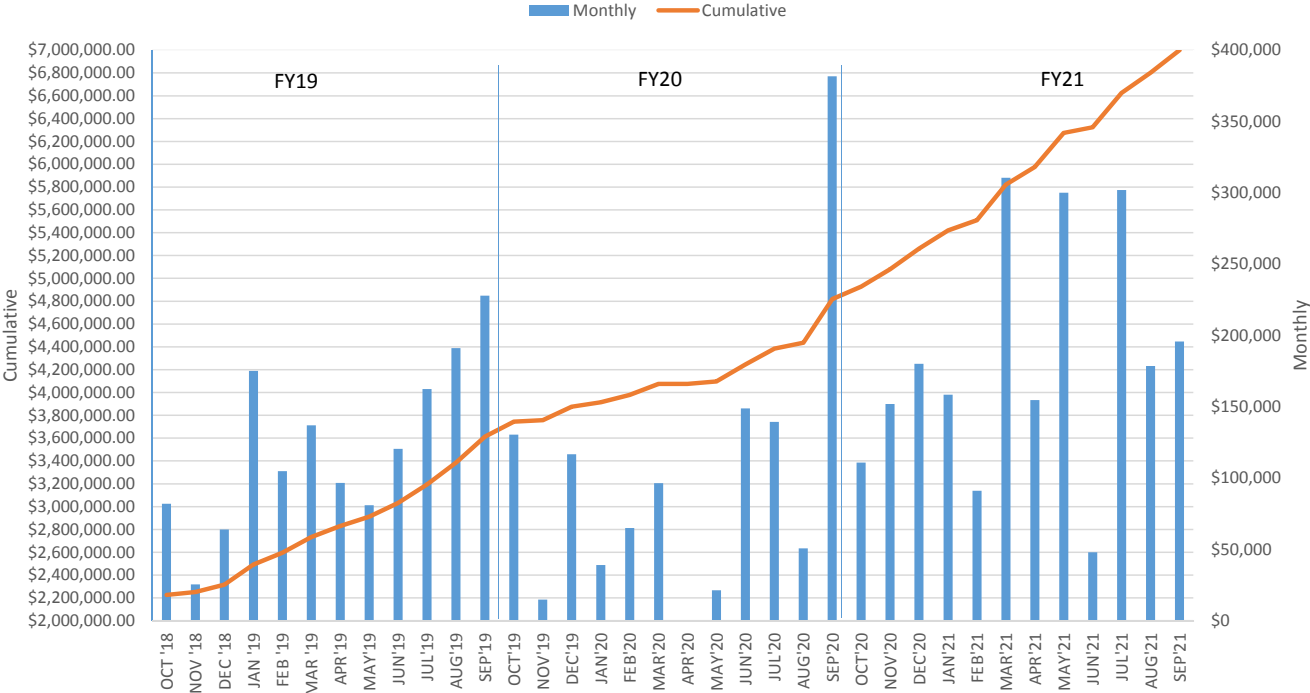
Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '19	\$130,450.00	\$119,350.00	\$500.00	\$10,600.00
NOV '19	\$14,900.00	\$14,300.00	\$0.00	\$600.00
DEC '19	\$116,775.00	\$105,875.00	\$500.00	\$10,400.00
JAN '20	\$39,050.00	\$36,650.00	\$0.00	\$2,400.00
FEB '20	\$65,050.00	\$60,450.00	\$0.00	\$4,600.00
MAR '20	\$96,425.00	\$86,825.00	–	\$9,600.00
APR '20	–		–	
MAY '20	\$21,325.00	\$19,525.00	–	\$1,800.00
JUN '20	\$148,825.00	\$141,225.00	–	\$7,600.00
JUL '20	\$139,450.00	\$127,150.00	\$500.00	\$11,800.00
AUG '20	\$50,775.00	\$45,175.00	–	\$5,600.00
SEP '20	\$381,725.00	\$360,925.00	\$0.00	\$20,800.00
TOTALS	\$1,204,750.00	\$1,117,450.00	\$1,500.00	\$85,800.00

FY 2021- Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '20	\$ 110,825.00	\$ 110,325.00	\$ 500.00	–
NOV '20	\$ 151,925.00	\$ 142,425.00	\$ 500.00	\$ 9,000.00
DEC '20	\$ 180,075.00	\$ 173,975.00	\$ 500.00	\$ 5,600.00
JAN '21	\$ 158,450.00	\$ 153,650.00	\$ –	\$ 4,800.00
FEB '21	\$ 91,100.00	\$ 86,100.00	\$ –	\$ 5,000.00
MAR '21	\$ 310,600.00	\$ 295,200.00	\$ –	\$ 15,400.00
APR '21	\$ 154,750.00	\$ 146,650.00	\$ 500.00	\$ 7,600.00
MAY '21	\$ 300,000.00	\$ 278,000.00	\$ –	\$ 22,000.00
JUN '21	\$ 47,975.00	\$ 41,575.00	\$ 800.00	\$ 5,600.00
JUL '21	\$ 301,875.00	\$ 280,675.00	\$ 1,000.00	\$ 20,200.00
AUG '21	\$ 178,575.00	\$ 164,875.00	\$ –	\$ 13,700.00
SEP '21	\$ 195,800.00	\$ 180,000.00	\$ 1,600.00	\$ 14,200.00
TOTALS	\$ 2,181,950.00	\$ 2,053,450.00	\$ 5,400.00	\$ 123,100.00

**Preliminary Data as of 9/30/21*

FY'19- FY'21 Rebate Amount Paid



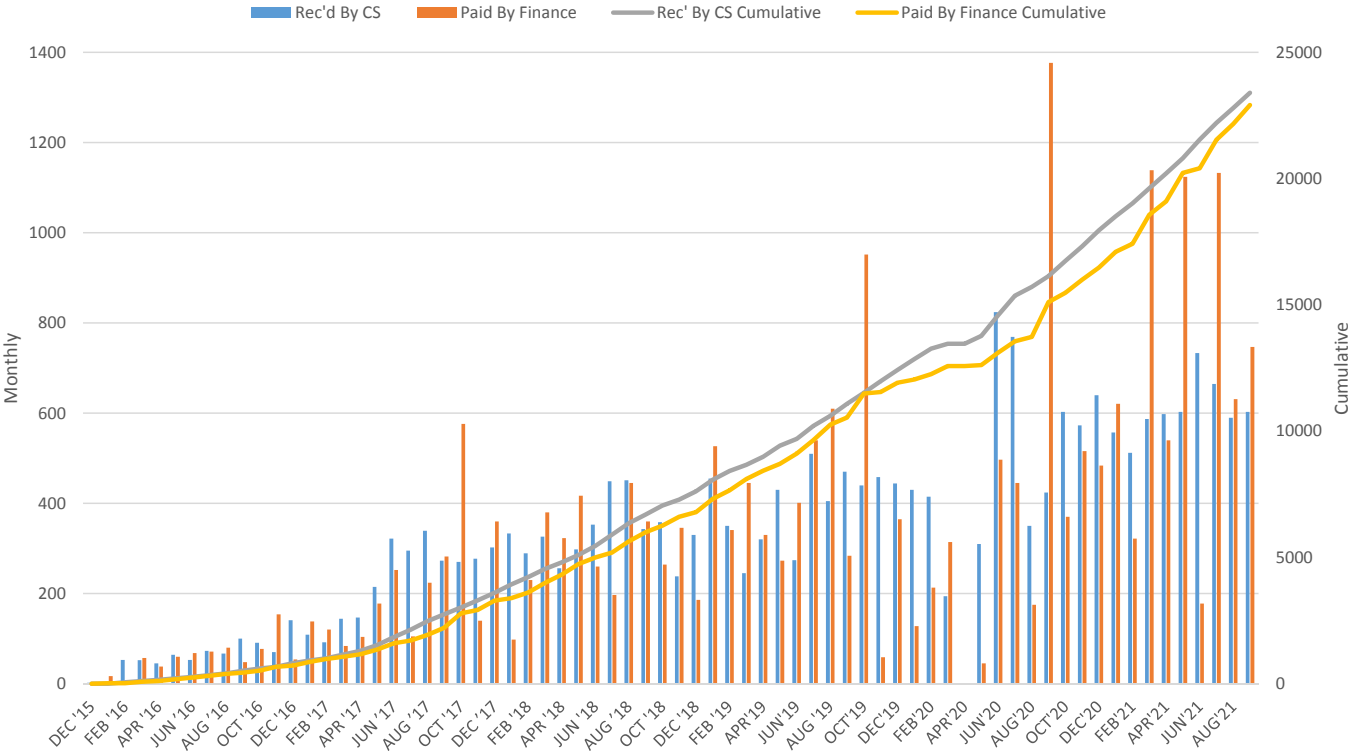
FY 2020 Number of Applications Received By Customer Service and Paid Monthly

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

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

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

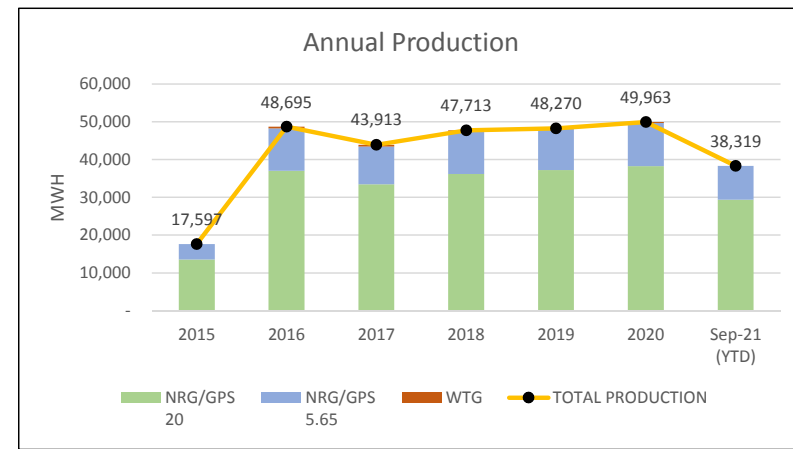
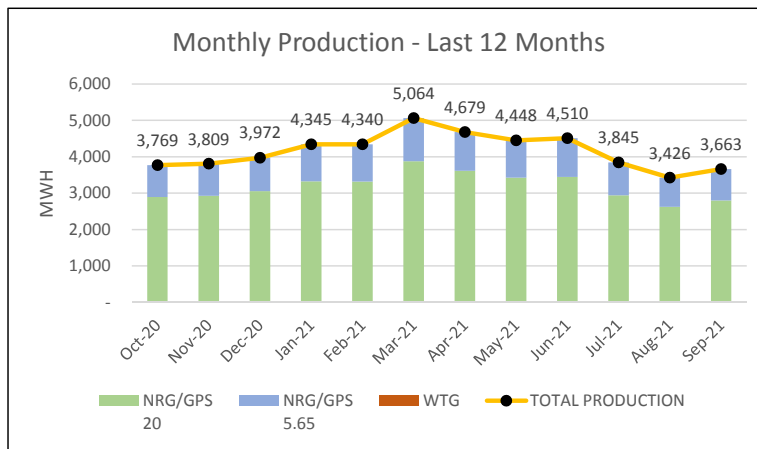
FY'18 - FY'21 Number of Applications Received By Customer Service and Paid



Renewable Energy Production CCU Report

September 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
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
Aug-21	2,627.57	798.27	-	3,425.84
Sep-21	2,799.56	863.31	-	3,662.87
Total	38,253.39	11,614.61	-	49,868.00

Annual 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
Sep-21 (YTD)	29,373.88	8,944.63	-	38,318.51
Total	225,060.88	67,599.98	1,808.57	294,469.43

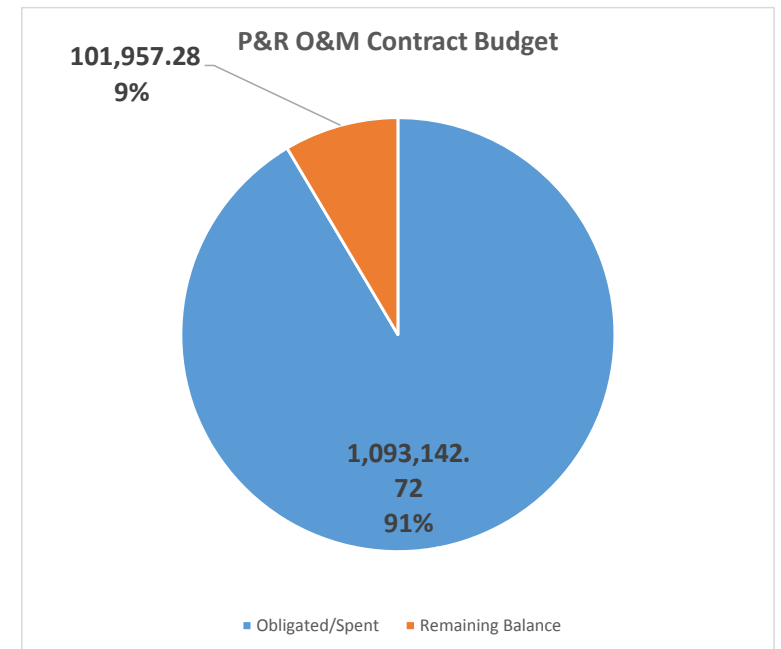
- Dandan / GPS = Phase I Solar commissioned on 10/2015
- WTG = Wind Turbine Generation
- Data as of August 2021 in MWH

Planning & Regulatory CCU Report

September 30, 2021

Planning & Regulatory O&M Contract Budget

- Revenue Funded
- Target
 - 38.0% O&M Obligation as of October 31, 2020 (Actual)
 - 40.0% O&M Obligation as of November 30, 2020 (Actual)
 - 40.0% O&M Obligation as of December 31, 2020 (Actual)
 - 40.0% O&M Obligation as of January 31, 2021 (Actual)
 - 48.0% O&M Obligation as of February 28, 2021 (Actual)
 - 48.0% O&M Obligation as of March 31, 2021 (Actual)
 - 48.0% O&M Obligation as of April 30, 2021 (Actual)
 - 48.0% O&M Obligation as of May 31, 2021 (Actual)
 - 48.0% O& M Obligation as of June 30, 2021 (Actual)
 - 48.0% O&M Obligation as of July 31, 2021 (Actual)
 - 58.5% O&M Obligation as of August 13, 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 SEPTEMBER 2021**

LEGEND OF TRACKING



Notification Date



Completed

Within Scheduled Remediation
Period

Deadline is Past Due

LOCATION	WE 09/03/21 FINDINGS	WE 09/10/21 FINDINGS	WE 09/20/21 FINDINGS	WE 09/28/21 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
Cabras Facility	OWS Near Outfall - Corroded paint can and drum	OWS Near Outfall - Corroded paint can and drum			Corrective action completed - 9/10/21	8/27/2021	ASAP	9/1/2021	
	Fuel Treatment Area - trash and meatais	Fuel Treatment Area - trash and meatais	Fuel Treatment Area - trash and meatais	Fuel Treatment Area - trash and meatais	Conduct cleanup and dispose of metal	8/27/2021	ASAP		
	Fuel Teratment Area - oil in trench	Fuel Teratment Area - oil in trench	Fuel Teratment Area - oil in trench	Fuel Teratment Area - oil in trench	Remove oil and conduct cleanup	8/27/2021	ASAP		
	C3&4 building ground-oil on 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	8/12/2020	ASAP		
	C3&4 building - used booms and debris	C3&4 building - used booms and debris	C3&4 building - used booms and debris	C3&4 building - used booms and debris	Remove and dispose	8/27/2021	ASAP		
	Basement Walkway- corroded trench covers	Basement Walkway- corroded trench covers	Basement Walkway- corroded trench covers	Basement Walkway- corroded trench covers	Replace covers	8/13/2021	ASAP		
	Pavillion Area - metal debris in the area	Pavillion Area - metal debris in the area	Pavillion Area - metal debris in the area	Pavillion Area - metal debris in the area	Remove and dispose	8/13/2021	ASAP		

Weekly BMP Report

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

LEGEND OF TRACKING



Notification Date



Completed

Within Scheduled Remediation
Period

Deadline is Past Due

LOCATION	WE 09/03/21 FINDINGS	WE 09/10/21 FINDINGS	WE 09/20/21 FINDINGS	WE 09/28/21 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
Cabras Facility	Dumpster area - Some household items were dumped	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		
	Cool water intake - corroded intake covers	Cool water intake - corroded intake covers	Cool water intake - corroded intake covers	Cool water intake - corroded intake covers	Chip corrosion recoat	7/23/2021	ASAP		
	Tank #1-#4 Refilling Valve Pit - water accumulation	Tank #1-#4 Refilling Valve Pit - water accumulation	Tank #1-#4 Refilling Valve Pit - water accumulation	Tank #1-#4 Refilling Valve Pit - water accumulation	Drain water & monitor regularly	8/13/2021	ASAP		
	Tank #2 Secondary Containment - used oil-contaminated pads & paints	Tank #2 Secondary Containment - used oil-contaminated pads & paints	Tank #2 Secondary Containment - used oil-contaminated pads & paints	Tank #2 Secondary Containment - used oil-contaminated pads & paints	Dispose items	7/30/2021	ASAP		
	Facility Center in Front of C1&2 - steel plates and palettes	Facility Center in Front of C1&2 - steel plates and palettes			Corrective action completed - 9/17/21	8/27/2021	ASAP	9/1/2021	

Weekly BMP Report

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

LEGEND OF TRACKING



Notification Date



Completed

Within Scheduled Remediation
Period

Deadline is Past Due

LOCATION	WE 09/03/21 FINDINGS	WE 09/10/21 FINDINGS	WE 09/20/21 FINDINGS	WE 09/28/21 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETE D	RESPONSE
Cabras Facility	Service Tank Sec Containment - water accumulation	Service Tank Sec Containment - water accumulation	Service Tank Sec Containment - water accumulation	Service Tank Sec Containment - water accumulation	Drain water	8/27/2021	ASAP		
	20' Container Near Ponding Basin - corroded ladder	20' Container Near Ponding Basin - corroded ladder	20' Container Near Ponding Basin - corroded ladder	20' Container Near Ponding Basin - corroded ladder	Remove and dispose	8/27/2021	ASAP		

T&D SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF SEPTEMBER 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	Overgrown vegetation T-191 & T-192					ASAP	September 2021
	T-191 & T-192 & T55	Rainwater and algae inside secondary containment of Tank 191/192	Remove rainwater & algae	Corrective action completed		August 2021	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	Corrective action completed		August 2021	ASAP	July 2021
MACHECHE SUBSTATION	Secondary Containment	NO CORRECTIVE ACTION						
TALOFOFO SUBSTATION	Secondary Containment	Water accumulation in sec. containment in 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 SEPTEMBER 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	Corrective action completed		Aug. 2021	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
	Tank 4 Pipelines	Corroded pipelines	Conduct repair				ASAP	Sept 2021
DEDEDO CT	OWS Containment	Rainwater in secondary containment	Drain water				ASAP	July 2021
	Backyard	Miscellaneous Garbage	Remove & dispose garbage					Aug 2021
	Loading Area Pipelines	Surface corrosion	Repaint					Aug 2021
MACHECHE CT	Tank No. 140	Corroded flange	Remove rust and repaint				ASAP	Aug 2021
	Tank T-130/140	Surface corrosion	Remove corrosion, repaint				ASAP	July 2021
	OWS Pipeline	Pipe disconnected	Verify/repair	Corrective action completed		Aug 2021	ASAP	July 2021
	Water Softener Tank	Leaking from disconnected pipe	Verify/repair				ASAP	July 2021
	Tank No. 140	Rust buildup on foundation (several locations)	Remove rust, repaint				ASAP	January 2021
YIGO CT	Oil Water Separator secondary containment	Water accumulation	Drain water				ASAP	Sept 2021

Generation SPCC Inspection Report (cont.)

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF SEPTEMBER 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	Fuel Storage Tank Secondary Containment	Rainwater in sec. containment	Drain water				ASAP	Sept 2021
TENJO DIESEL		NO CORRECTIVE ACTION						
YIGO DIESEL	Generator #13	Oil on the floor of storage	Conduct cleanup				ASAP	July 20189
	Pipeline	No secondary pipeline on aboveground pipeline	Chip corrosion & repair				ASAP	July 20189
	Generator #20 & #26	Contaminated soil from oil leak found on ground outside of generator	Clean up and properly dispose of contaminated soil				ASAP	May2021
	Site Facility	Overgrown vegetation	Cut vegetation				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 Piti PP structure	improper storage of open drums filled with resin & mixed water	Properly dispose of drums				ASAP	July 2021
	Day Tank Pump	Oil Sheen in secondary containment	Remove sheen	Corrective action completed		Sept 2021	ASAP	Sept 2021
	Tank truck loading area	Oil Sheen in secondary containment	Remove sheen	Corrective action completed		Sept 2021	ASAP	Sept 2021

PLANNING & REGULATORY DIVISION REPORT

The following summarizes P&R's activities for the month of September 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
- Fuel switching data monitoring

CONSENT DECREE

- Sent updated information to the GM

ENVIRONMENTAL DISPOSAL & MITIGATION

- Coordination and monitoring of the used oil/water disposal operations of Piti and Cabras Tanks
- Coolant disposal at Yigo Diesel Power Plant
- Smart meter disposal coordination

PROCUREMENT

Coordination with procurement on the following bids:

- OR#33750 – Environmental Emergency Response Contractor- Bid is on going
- OR# 35411 – Continuous Emissions Monitoring Systems
- OR# 35416- Environmental Legal Services
- OR# 35418 – Office Supplies
- OR# 35419- MET Tower Audit Services
- OR# 35430- Used oil hauling services
- OR# - 35412- Laboratory Services
- OR# 35413 – Contaminated Wastes Disposal
- OR#- 35420 – Annual Emissions testing for GPA plants
- 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
- Bid Committee Evaluation, MS GPA-046-21, Petroleum Inspection & Testing Services for Diesel Fuel Oil No.2

REPORTING

- Monthly NSPS reporting for Cabras, CT's and Diesel plants submitted to GEPA and US EPA

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:
 - Attended Height Variance Public Hearing
 - Conducted site visit to new power pole information
 - Provided comments and copy of the ECA to US EPA relative to the Single Source Issue with the DG Plant Site (Reserve Facility)
 - August 27, 2021: Inspection of OLD RFO#6 Fuel Line along Navy Property bull cart trails.

OTHER

- Tenjo Miratech Meter relocation monitoring and coordination
- [iDashboards Training \(September 8 – 10, 2021\)](#)

GPA Work Session - October 21, 2021 - GM REPORT UPDATES

ENGINEERING WORK ORDERS

Engineering Work Order Summary - September 2021	
Work Orders Received from CSR	81
Work Orders Processed & Released to T&D	65
Work Orders Processed & Released to CSR	N/A
Work Orders Cancelled	N/A
Work Orders Pending Survey	28
Total Pending WO at Engineering	361

Engineering Large Customer, GPI and Net Metering Tracking						
Date Received	Customer Name	Work Order Numbers	Location	KVA	Meter Qty	Status
1/27/2015	TG Engineers	422182-85, 90-93, 96-98	Agana Heights	100	11	10 Unit Apartment, 100 kVA, 80% Completed. Work currently on hold.
6/1/2017	New Underground Line (P-047)	466064	Tumon	1,500	1	New Underground line 99% completed, Riser terminated. Mandrelling completed on completed sections. T&D started pulling wire and installing splices in August 2019. Pending final outage at SV1A and SV1B and repair of existing arms and metal brackets on P-047.
3/1/2018	Docomo Pacific Inc., New Data Center	Pending Application	Talofofo	3,000	1	New Data Center. Planned to come off P-260 and P-262. 0% Completed. Still in Design Phase.
10/10/18	Don Sadwahni	465341	Harmon	2,000	1	New Industrial Subdivision, Inspection of civil work only, Proposed 12 Pad Mounted Xfmrs 100% Completed, pending submission of meter applications.
05/14/19	Joyrich Group LLC	Multiple	Tamuning	150	17	New 17 Unit Apartments, 75% completed, 150 kVA. No recent progress.
10/01/19	Don Don Donkey "Don Quijote" Shopping Center	Pending Application	Tamuning	5,500	1	New Shopping Center at the intersection of Route 1 and 10A. 10% Completed. Pending Application.
03/11/20	Citi Development & Construction	478020-23,25,27-30	Tamuning	60	11	New 10 Unit Town Homes, 90% completed, 100 kVA.
07/07/20	Guam Waterworks Authority New Northern Wastewater Plant	479663	Dededo	3,000	1	New Northern Wastewater Plant, 65% completed, 3000kVA.
11/19/20	Paradise Subdivision	Pending Applications	Mangilao	170	17	17 unit subdivision, pending submission of plans and permitting.
11/01/20	Agat Pole Relocation GPI	Pending	Agat			5 Pole Relocation due to easement issues.
01/31/21	Songsong Hills Subdivision	484158	Yigo	160	1	New 16 Unit Subdivision, 85% completed, multiple xfmrs. Temp power completed, pending submission of meter applications.
01/31/21	GWA -Kaiser Reservoir	484070	Dededo	225	1	New GWA Reservoir, pending final design drawings.
06/30/21	Guam Five Star Corporation	Multiple	Dededo	1,160	16	New 116 Unit Subdivision, 16 application submitted, 100 Applications pending, 35% completed.
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		1	Pending Net Metering Customers as of September 30, 2021.
Total				17,025	80	

NET METERING

September 2021

	<u>Quantity</u>	<u>Connected kVA</u>
Completed	2,254	27,355
Pending	1	7
Grand Total	2,255	27,362

Rate Class and Technology			
Technology	Schedule	Customer Count	Total kW
Solar Energy	R - Residential	2,097	20,005.35
	J - Gen Service Dm	63	3,940.05
	K - Small Gov Dmd	11	358.10
	L - Large Governme	2	122.80
	P - Large Power	12	1,140.70
	G - Gen Serv Non-C	60	1,705.38
	S - Sm Gov Non-Dn	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		2,254	27,354.78

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	20,008.95	32,035,059	0.000000	\$ 2,801,320.42
J	3,940.05	5,462,024	0.000000	\$ 675,762.58
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	1,705.38	2,618,683	0.145397	\$ 380,748.71
S	78.80	124,251	0.147902	\$ 18,377.01
Grand Total	27,354.78	42,395,726		\$ 4,130,821.36

*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

September 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	350.23	32	20.3%	40.8%	
	P-046	315.49	37	7.4%	11.4%	
	P-088	822.98	82	13.7%	21.6%	
	P-089	707.17	81	15.8%	38.1%	
	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	812.55	67	15.9%	21.6%	
	P-212	1,098.52	106	26.6%	68.7%	
	P-213	353.33	16	13.5%	18.1%	
	P-220	225.41	24	37.0%	116.2%	
	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	1,434.85	132	22.1%	38.8%	
	P-251	160.50	8	6.5%	10.0%	
	P-253	1,031.55	100	22.9%	36.2%	
	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	649.45	35	36.1%	67.2%	
	P-281	204.90	5	7.3%	20.4%	
	P-282	231.75	6	6.2%	18.7%	
	P-283	779.75	61	21.5%	37.0%	
	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	2,176.94	123	28.7%	57.0%	
	P-323	316.52	21	6.7%	20.8%	
	P-330	730.11	90	13.4%	27.0%	
	P-331	834.73	92	13.2%	21.4%	
	P-332	890.38	82	15.8%	23.1%	
	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	106.08	6	10.9%	19.6%	
	P-242	23.75	2	0.4%	1.1%	
	P-310	181.57	8	6.6%	12.1%	
	P-261	522.06	55	18.9%	32.4%	
	P-201	115.86	10	3.3%	5.8%	
	P-007	85.86	8	11.9%	25.3%	
	P-244	86.56	3	4.9%	5.0%	
	P-202	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	68.88	5	7.2%	7.3%	
	P-241	19.72	1	0.5%	0.7%	
Completed Total		27,354.78	2,254			
pending	Pending	7.31	1	0.0%	0.0%	
pending Total		7.31	1	0.0%	0.0%	
Grand Total		27,362.09	2,255			
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.						

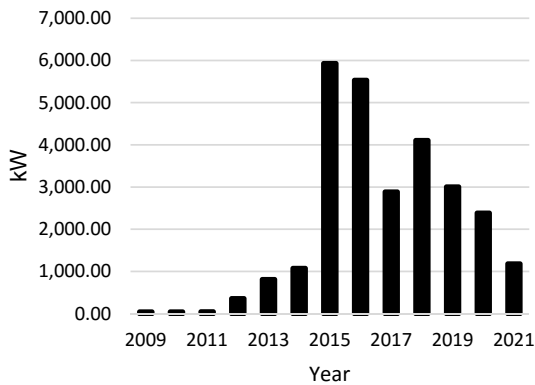
NET METERING

September 2021

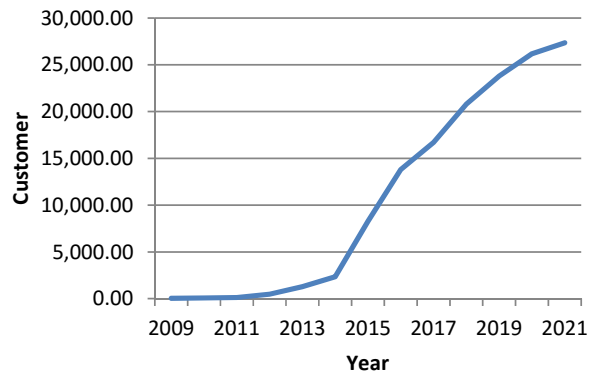
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	41.61	120.27
2012	354.61	474.88
2013	808.15	1,283.03
2014	1,072.04	2,355.07
2015	5,926.44	8,281.51
2016	5,527.93	13,809.43
2017	2,881.10	16,690.53
2018	4,103.13	20,793.66
2019	3,002.17	23,795.83
2020	2,380.16	26,175.99
2021	1,178.79	27,354.78
Grand Total	27,354.78	

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	84	2,254
Grand Total	2,254	

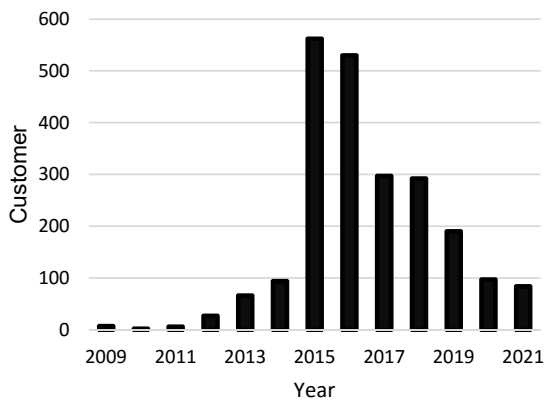
Yearly Installed kW



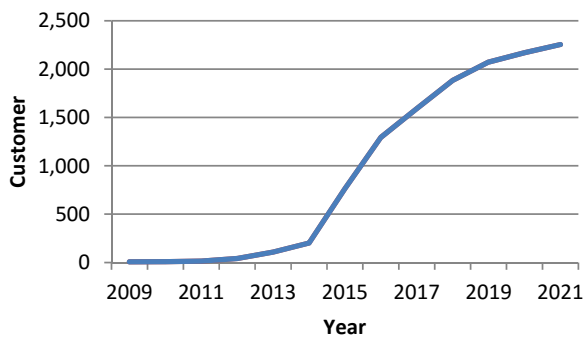
Cumulative Installed kW



Yearly Connected Customer Count

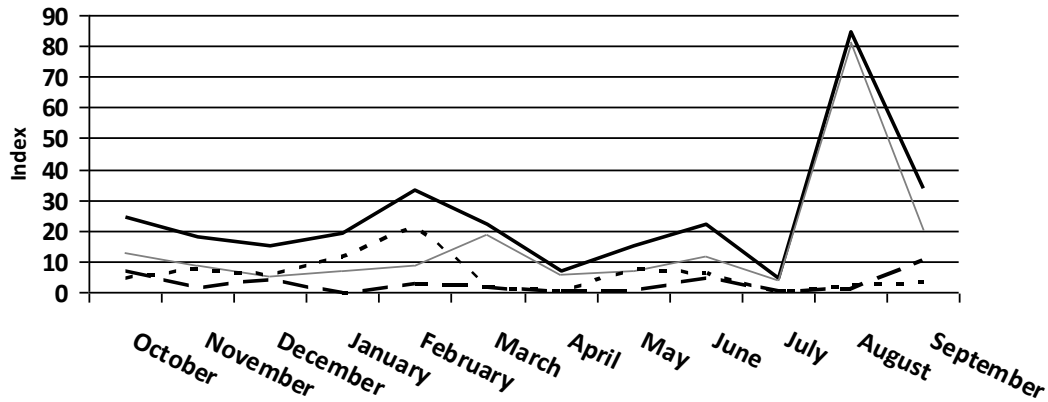


Cumulative Connected Customer Count

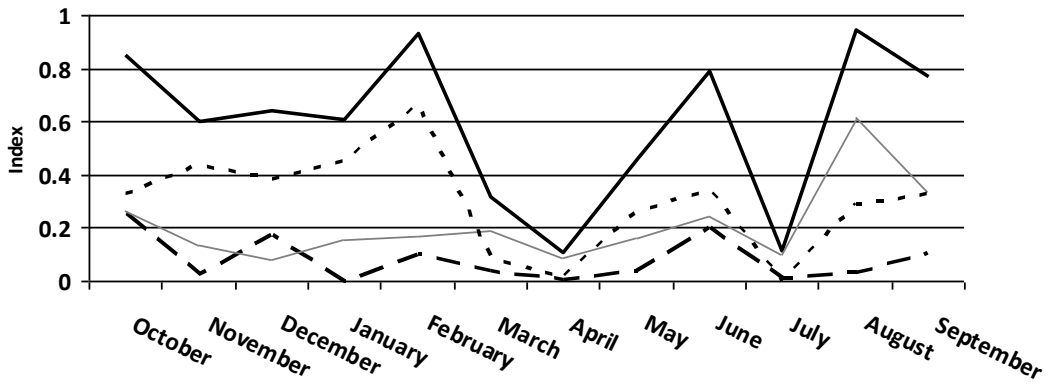




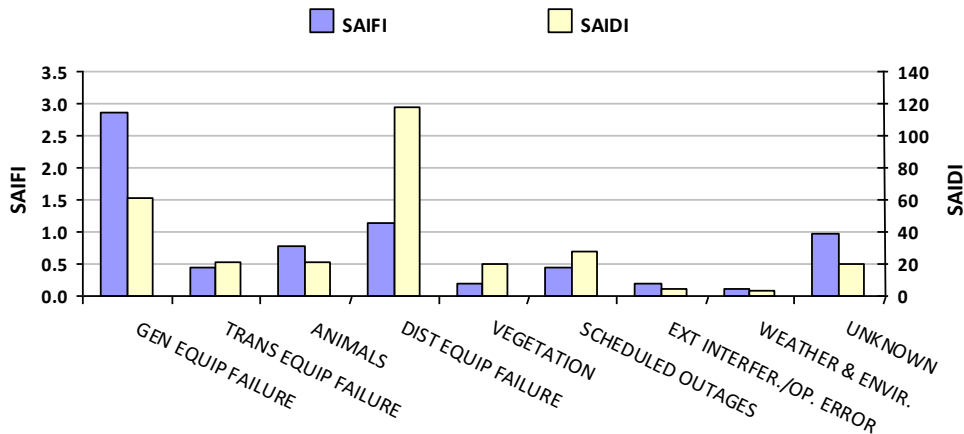
(Item 1.1,1.2,1.5) September 2021 SAIDI = 300.75 ↑ (276.66)



(Item 1.1,1.2,1.5) September 2021 SAIFI = 7.15 ↑ (6.86)



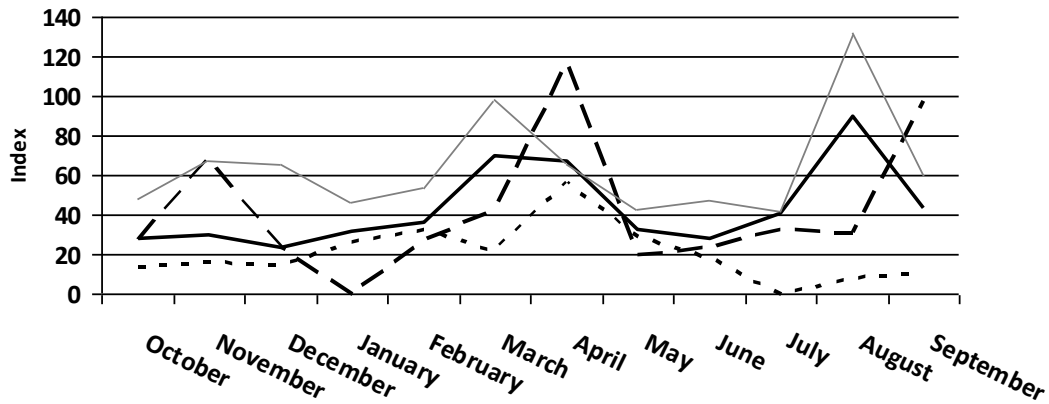
(Item 1.9) 12-Month Cause Contributions to Reliability



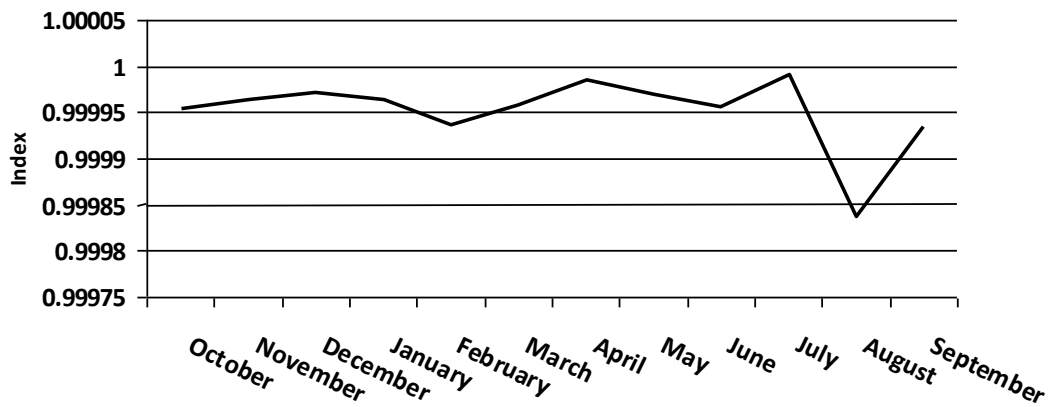
GEN EQUIP FAILURE
 F:39.7% D:20.5%
TRANS EQUIP FAILURE
 F:6.4% D:7.0%
ANIMALS
 F:8.1% D:7.2%
DIST EQUIP FAILURE
 F:15.1% D:39.8%
VEGETATION
 F:2.5% D:6.9%
SCHEDULED OUTAGES
 F:14.6% D:9.3%
EXT INTERFER./OP. ERROR
 F:1.7% D:1.6%
WEATHER & ENVIR.
 F:0.8% D:1.0%
UNKNOWN
 F:11.0% D:6.8%

As of September 30, 2021

(Item 1.1,1.2,1.5) September 2021 CAIDI = 42.09 ↑ (40.32)



(Item 1.1,1.2,1.5) September 2021 ASAI = 0.9994 ↓ (0.9995)



(Item 1.4) Top 5 Worst Feeders Distribution Causes

#	Feeder	Outage Count
1	P340	10
2	P250	9
3	P294	8
4	P221	5
5	P046	5

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Overhead Equipment	51
2	Underground Equipment	14
3	Snakes	13
4	Vegetation	12
5	Substation Equipment	6

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
474	230	244

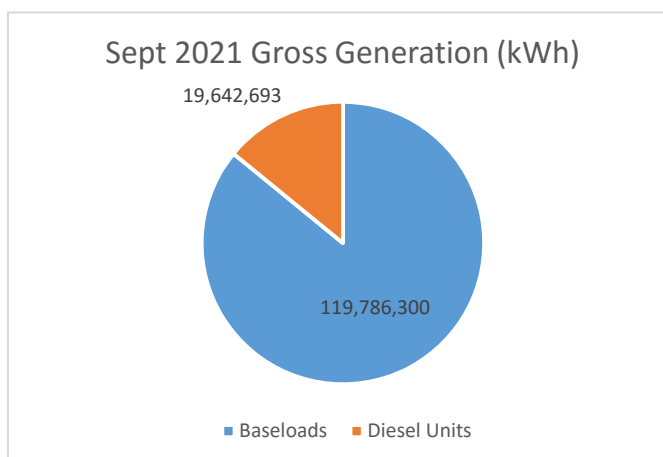
(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
67.67	3.56	18.99

Production Data September 2021

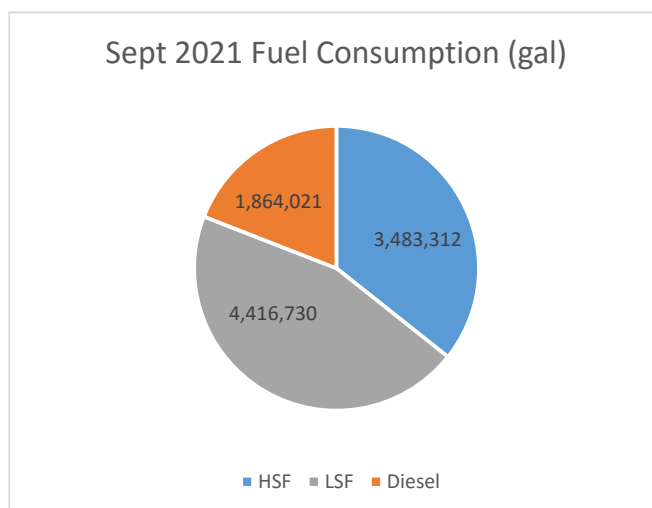
2021 Gross Generation (kWh)

Month	Baseloads	Diesel Units
January	121,809,600	12,656,252
February	98,398,300	25,379,502
March	99,635,600	38,706,615
April	110,195,900	30,909,258
May	103,328,300	37,604,671
June	99,389,500	43,650,908
July	124,081,100	22,778,648
August	122,100,200	19,702,072
September	119,786,300	19,642,693
October		
November		
December		



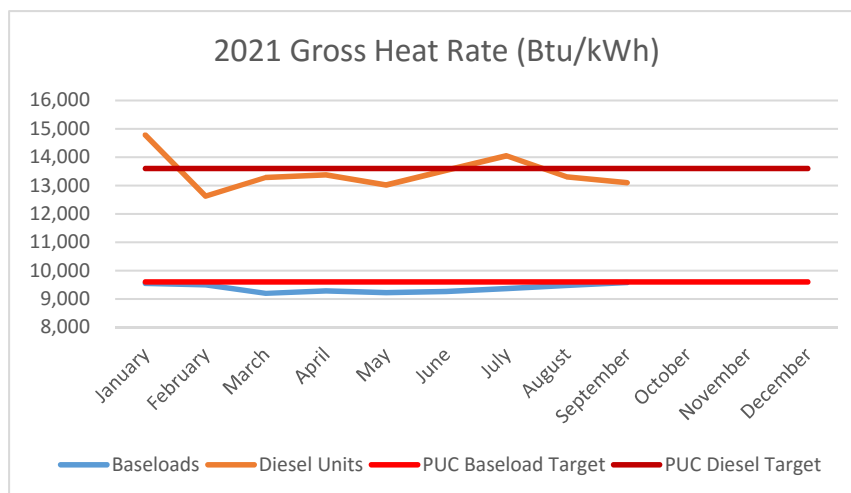
2021 Fuel Consumption (gal)

Month	Baseloads		Diesel Units
	HSF	LSF	Diesel
January	7,754,685	252,919	1,355,551
February	6,196,905	241,268	2,361,550
March	5,930,287	385,344	3,790,705
April	4,872,098	2,170,263	3,047,806
May	4,956,847	1,607,352	3,605,472
June	4,690,486	1,650,915	4,350,746
July	5,289,339	2,715,782	2,359,128
August	5,442,359	2,523,369	1,931,220
September	3,483,312	4,416,730	1,864,021
October			
November			
December			



2021 Gross Heat Rate (Btu/kWh)

Month	Baseloads	Diesel Units
January	9,548	14,783
February	9,503	12,628
March	9,198	13,291
April	9,282	13,382
May	9,227	13,024
June	9,267	13,540
July	9,370	14,056
August	9,475	13,303
September	9,579	13,105
October		
November		
December		





GUAM POWER AUTHORITY

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

GUAM POWER AUTHORITY FINANCIAL STATEMENT OVERVIEW August 2021

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

Summary

The increase in net assets for the month ended was \$4.5 million as compared to the anticipated net increase of \$43 thousand projected at the beginning of the year. The total kWh sales for the month were 1.60% more than projected and non-fuel revenues were \$1.5 million more than the estimated amounts. O & M expenses for the month were \$5.9 million which was \$600 thousand under our projections for this year. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$2.8 million, which was \$0.4 million less than projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	2.63	2.35	2
Days in Receivables	55	52	52
Days in Payables	31	52	30
LEAC (Over)/Under Recovery Balance -YTD	\$32,452,576	\$10,845,094	\$4,671,286
T&D Losses	5.55%	5.50%	<7.00%
Debt Service Coverage	1.63	1.67	1.75
Long-term equity ratio	2.89%	3.77%	30 – 40%
Days in Cash	196	235	60

The Quick Ratio has been a challenge for GPA historically. However, the influx of cash from insurance proceeds continues to improve this ratio. GPA has current obligations of approximately \$86 million and approximately \$202 million in cash and current receivables. The LEAC under-recovery for the month was \$3.4 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

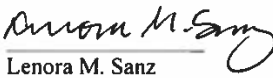
Financial Statements
August 2021

Significant Assumptions

The significant assumptions in the financial statements are as follows:

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

Prepared by:



Lenora M. Sanz
Controller

Reviewed by:



John J.E. Kim
Chief Financial Officer

Approved by:



John M. Benavente, P.E.
General Manager

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Net Position Aug 31, 2021 and September 30, 2020			
	Unaudited August 2021	Audited September 2020	Change from Sept 30 2020
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 35,041,712	\$ 38,059,527	\$ (3,017,815)
Bond indenture funds	7,635,939	22,590,787	(14,954,848)
Held by Guam Power Authority:			
Bond indenture funds	157,194,910	175,309,549	(18,114,639)
Self insurance fund-restricted	9,477,091	19,469,799	(9,992,709)
Energy sense fund	989,583	261,171	728,412
Total cash and cash equivalents	210,339,234	255,690,833	(45,351,599)
Accounts receivable, net	43,734,643	35,411,897	8,322,746
Total current receivables	43,734,643	35,411,897	8,322,746
Materials and supplies inventory	13,006,522	14,501,590	(1,495,068)
Fuel inventory	51,510,228	32,346,582	19,163,646
Prepaid expenses	3,859,054	1,876,268	1,982,786
Total current assets	322,449,681	339,827,170	(17,377,489)
Utility plant, at cost:			
Electric plant in service	1,155,632,100	1,097,908,313	57,723,787
Construction work in progress	23,047,945	49,045,858	(25,997,913)
Total	1,178,680,045	1,146,954,171	31,725,874
Less: Accumulated depreciation	(702,027,014)	(668,810,885)	(33,216,129)
Total utility plant	476,653,031	478,143,286	(1,490,255)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,501,386	48,532,630	(31,244)
Unamortized debt issuance costs	1,706,834	1,952,816	(245,982)
Total other non-current assets	50,208,221	50,485,446	(277,225)
Total assets	849,310,933	868,455,902	(19,144,970)
Deferred outflow of resources:			
Deferred fuel revenue	10,845,094	5,137,018	5,708,076
Unamortized loss on debt refunding	20,362,414	22,452,744	(2,090,330)
Pension	17,005,307	17,005,307	0
Other post employment benefits	44,664,204	44,664,204	0
Unamortized forward delivery contract costs	13,198	159,278	(146,080)
Total deferred outflows of resources	92,890,217	89,418,551	3,471,666
	<u>\$ 942,201,149</u>	<u>\$ 957,874,453</u>	<u>\$ (15,673,304)</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Net Position, Continued Aug 31, 2021 and September 30, 2020			
	Unaudited August 2021	Audited September 2020	Change from Sept 30 2020
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	\$ 21,540,000	\$ 20,515,000	\$ 1,025,000
Current obligations under capital leases	(1)	2,226,222	(2,226,223)
Accounts payable			
Operations	38,258,857	28,907,900	9,350,957
Others	354,105	940,852	(586,747)
Accrued payroll and employees' benefits	1,783,372	2,464,369	(680,997)
Current portion of employees' annual leave	3,044,006	2,558,877	485,129
Interest payable	11,808,386	14,417,948	(2,609,562)
Customer deposits	9,080,036	8,729,186	350,850
Total current liabilities	85,868,762	80,760,354	5,108,408
Regulatory liabilities:			
Provision for self insurance	9,652,971	19,345,291	(9,692,320)
Total regulatory liabilities	9,652,971	19,345,291	(9,692,320)
Long term debt, net of current maturities	535,595,290	560,599,190	(25,003,900)
Obligations under capital leases, net of current portion	0	0	0
Net Pension liability	85,938,182	89,220,086	(3,281,904)
Other post employment benefits liability	161,936,073	161,936,073	0
DCRS sick leave liability	1,502,154	1,502,154	0
Employees' annual leave net of current portion	1,204,085	1,204,085	0
Customer advances for construction	460,970	425,814	35,156
Total liabilities	882,158,487	914,993,047	(32,834,560)
Deferred inflows of resources:			
Unearned forward delivery contract revenue	292,009	584,018	(292,009)
Pension	1,663,500	1,663,500	0
Other post employment benefits	39,067,668	39,067,667	1
Total deferred inflows of resources	41,023,177	41,315,185	(292,008)
Commitments and contingencies			
Net Position:			
Net investment in capital assets	(24,805,902)	(34,499,523)	9,693,621
Restricted	59,436,217	57,080,028	2,356,189
Unrestricted	(15,610,831)	(21,014,285)	5,403,454
Total net position	19,019,484	1,566,221	17,453,265
	\$ 942,201,149	\$ 957,874,453	\$ (15,673,304)

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Revenues, Expenses and Changes in Net Assets						
	August 31		% of change Inc (dec)	Eleven Months Ending August 31		% of change Inc (dec)
	Unaudited 2021	Audited 2020		Unaudited 2021	Audited 2020	
Revenues						
Sales of electricity	\$ 30,414,525	\$ 24,144,680	26	\$ 294,328,917	\$ 310,562,706	(5)
DSM-Rebates	329,854	323,835	0	3,535,160	984,242	0
Miscellaneous	100,104	124,086	(19)	1,732,752	1,608,287	8
Total	30,844,484	24,592,601	25	299,596,830	313,155,235	(4)
Bad debt expense	(87,083)	(90,917)	(4)	(957,913)	(1,000,087)	(4)
Total revenues	30,757,401	24,501,684	26	298,638,917	312,155,148	(4)
Operating and maintenance expenses						
Production fuel	15,685,037	10,925,068	44	148,727,074	166,421,955	(11)
Other production	1,621,791	1,541,591	5	16,625,745	15,958,405	4
	17,306,828	12,466,659	39	165,352,819	182,380,360	(9)
Depreciation	1,815,263	3,119,741	(42)	34,709,448	34,499,388	1
Energy conversion cost	829,574	1,067,282	(22)	10,459,641	11,795,231	(11)
Transmission & distribution	1,189,866	945,473	26	12,549,478	11,791,319	6
Customer accounting	571,122	665,740	(14)	5,878,717	5,049,596	16
Administrative & general	2,547,239	2,295,306	11	29,470,411	27,961,768	5
Total operating and maintenance expenses	24,259,891	20,560,201	18	258,420,513	273,477,662	(6)
Operating income	6,497,510	3,941,483	65	40,218,404	38,677,486	4
Other income (expenses)						
Interest income	2,603	63,760	(96)	762,970	2,463,167	(69)
Interest expense and amortization	(2,191,351)	(2,277,811)	(4)	(24,140,125)	(25,465,517)	(5)
Bond issuance costs	89,228	89,228	0	981,508	981,508	0
Allowance for funds used during construction	33,922	0	0	794,725	0	0
Pandemic-COVID19	0	(66,003)	0	(219,690)	(1,184,305)	0
Losses due to typhoon	0	0	0	(961,363)	(248,167)	0
Other expense	(4,291)	(4,291)	0	(47,206)	(47,201)	0
Total other income (expenses)	(2,069,889)	(2,195,117)	(6)	(22,829,181)	(23,500,515)	(3)
Income (loss) before capital contributions	4,427,620	1,746,366	154	17,389,222	15,176,971	15
Capital contributions	64,042	0	0	64,042	80,066	0
Increase (decrease) in net assets	4,491,662	1,746,366	157	17,453,264	15,257,037	14
Total net assets at beginning of period	14,527,823	16,652,266	(13)	1,566,221	3,141,595	(50)
Total net assets at end of period	\$ 19,019,485	\$ 18,398,632	3	\$ 19,019,485	\$ 18,398,632	3

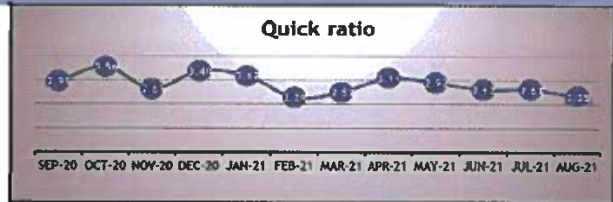
GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows Period Ended August 31, 2021		
	Month Ending 8/31/2021	YTD Ending 8/31/2021
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	\$32,337,258	\$ 290,310,475
Cash payments to suppliers and employees for goods and services	<u>1,176,939</u>	<u>251,869,465</u>
Net cash provided by operating activities	\$31,160,319	38,441,010
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	<u>2,603</u>	<u>762,970</u>
Net cash provided by investing activities	2,603	762,970
Cash flows from non-capital financing activities		
Interest paid on short term debt	(7,587)	4,516
Provision for self insurance funds	<u>1</u>	<u>9,992,709</u>
Net cash provided by noncapital financing activities	(7,586)	9,997,225
Cash flows from capital and related financing activities		
Acquisition of utility plant	(3,212,254)	(33,219,193)
Principal paid on bonds and other long-term debt	-	(20,515,000)
Interest paid on bonds(net of capitalized interest)	33,922	(25,913,900)
Interest paid on capital lease obligations	-	(45,578)
Interest & principal funds held by trustee	(3,978,003)	3,017,815
Reserve funds held by trustee	(1,246)	31,244
Bond funds held by trustee	3,957,649	14,954,848
Principal payment on capital lease obligations	-	(2,226,223)
Grant from DOI/FEMA	64,042	64,042
Debt issuance costs/loss on defeasance	(314,900)	(3,463,900)
Net cash provided by (used in) capital and related financing activities	<u>(3,450,790)</u>	<u>(67,315,845)</u>
Net (decrease) increase in cash and cash equivalents	27,704,545	(18,114,641)
Cash and cash equivalents, beginning	<u>129,490,365</u>	<u>175,309,550</u>
Cash and cash equivalents-Funds held by GPA, August 31, 2021	<u>\$ 157,194,910</u>	<u>\$ 157,194,910</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows, continued Period Ended August 31, 2021		
	Month Ended 8/31/2021	YTD Ended 8/31/2021
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	\$6,491,743	\$40,218,404
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	1,821,030	34,709,448
Other expense	84,937	(246,751)
(Increase) decrease in assets:		
Accounts receivable	1,579,889	(8,322,746)
Materials and inventory	(35,609)	1,495,068
Fuel inventory	(9,823,667)	(19,163,646)
Prepaid expenses	3,053,825	(1,982,786)
Unamortized debt issuance cost	22,362	245,982
Deferred fuel revenue	21,607,482	(5,708,076)
Unamortized loss on debt refunding	190,030	2,090,330
Unamortized forward delivery contract costs	13,280	146,080
Increase (decrease) in liabilities:		
Accounts payable-operations	18,003,209	9,350,957
Accounts payable-others	(2,084,747)	(1,315,160)
Accrued payroll and employees' benefits	246,115	(680,997)
Provision for Self-Insurance	(9,692,320)	(9,692,320)
Net pension liability	(289,671)	(3,281,904)
Employees' annual leave	(20,301)	485,129
Customers deposits	(7,269)	350,850
Customer advances for construction	-	35,156
Unearned forward delivery contract revenue	-	(292,009)
Net cash provided by operating activities	\$31,160,319	\$ 38,441,010

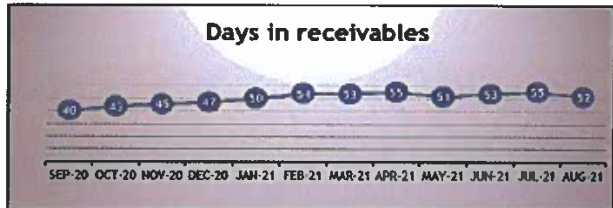
**Guam Power Authority
Financial Analysis
08/31/21**

Quick Ratio

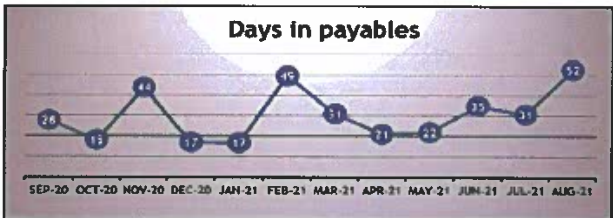
A Reserve Funds Held by GPA	157,194,910
B Current Accounts Receivable	44,888,908
C Total Cash and A/R (A+B)	202,083,818
D Total Current Liabilities	85,868,762
E Quick Ratio (F/G)	2.35

**Days in Receivables**

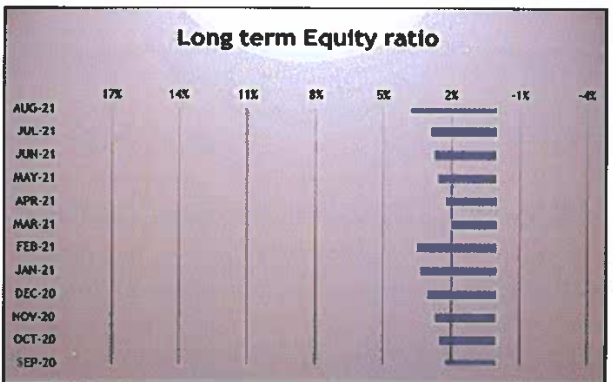
A FY 21 Moving 12 Mos.-Actual	317,333,334
B No. of Days	365
C Average Revenues per day (A/B)	869,406
D Current Accounts Receivable	44,888,908
E Days in Receivables (D/C)	52

**Days in Payables**

A FY 21 Moving 12 Months-Actual	281,504,449
B No. of Days	365
C Average Payables per day (A/B)	771,245
D Current Accounts Payable	40,457,773
E Days in Payables (D/C)	52

**Long term equity ratio**

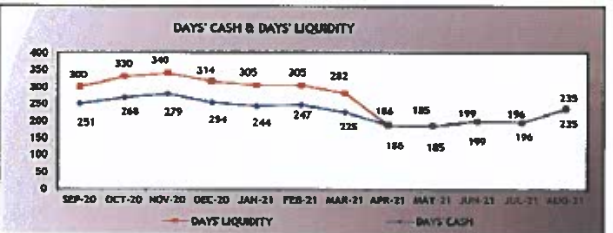
A Equity	\$	19,019,484
B Total Long term Liability	\$	485,400,577
C Total Equity and liability	\$	504,420,061
D Long term equity ratio (A/C)		3.77%

**Days cash on hand**

A Unrestricted cash & cash equivalents	157,195
B No. of Days -YTD	335
C A x B	52,660,295
D Total Operating expenses excluding depreciation	223,711
E Days cash on hand	235

Days' Liquidity

A Unrestricted cash , cash equivalents & revolving C	157,195
B No. of Days -YTD	335
C A x B	52,660,295
D Total Operating expenses excluding depreciation	223,711
E Days liquidity	235



GPA 302

GUAM POWER AUTHORITY
ACCURED REVENUE
AUGUST 2021

		FOR THE MONTH ENDED AUGUST		ELEVEN MONTHS ENDED AUGUST	
		2021	2020	2021	2020
KWH SALES:					
Residential		46,760,737	48,488,288	534,159,695	485,297,878
Residential - Apt & Condo		632,147	-	2,519,151	-
Small Gen. Non Demand		6,793,429	5,102,926	68,602,640	56,022,266
Small Gen. Demand		16,098,295	14,642,313	173,628,217	166,637,556
Large General		18,597,960	20,245,005	201,459,622	242,252,354
Independent Power Producer		34,376	31,941	392,693	351,974
Private St. Lights		32,913	33,040	360,106	362,843
	Sub-total	88,949,856	88,543,514	981,122,124	950,924,870
Government Service:					
Small Non Demand		999,588	712,443	9,732,216	7,676,337
Small Demand		9,198,450	8,089,781	93,766,388	90,893,228
Large		4,412,625	5,187,440	50,207,970	60,201,405
Street Lighting		558,806	571,642	6,443,582	6,479,950
	Sub-total	15,169,469	14,561,306	160,150,157	165,250,919
	Total	104,119,326	103,104,820	1,141,272,280	1,116,175,789
U. S. Navy		26,692,993	26,232,462	284,927,293	285,476,557
	GRAND TOTAL	130,812,319	129,337,281	1,426,199,573	1,401,652,346
REVENUE:					
Residential		10,967,335	8,672,639	105,470,304	103,590,603
Residential - Apt & Condo		136,247	-	500,986	-
Small Gen. Non Demand		1,888,758	1,160,148	16,728,516	14,878,630
Small Gen. Demand		3,993,223	2,971,923	37,645,343	40,649,723
Large General		4,358,675	3,949,820	41,681,229	56,571,590
Independent Power Producer		9,000	6,753	81,671	85,614
Private St. Lights		24,904	23,615	262,369	271,629
	Sub-total	21,378,144	16,784,897	202,370,418	216,047,788
Government Service:					
Small Non Demand		284,291	176,557	2,540,759	2,217,077
Small Demand		2,374,691	1,764,894	21,854,052	23,481,744
Large		1,065,159	1,101,797	11,041,019	15,198,564
Street Lighting		413,021	389,613	4,413,320	4,571,209
	Sub-total	4,137,162	3,432,861	39,849,150	45,468,594
	Total	25,515,306	20,217,758	242,219,568	261,516,381
U. S. Navy		4,899,219	3,926,923	52,109,349	49,046,324
	GRAND TOTAL	30,414,525	24,144,681	294,328,917	310,562,705
NUMBER OF CUSTOMERS:					
Residential		45,311	44,854	44,693	44,441
Residential - Apt & Condo		6	-	6	-
Small Gen. Non Demand		4,508	4,289	4,428	4,175
Small Gen. Demand		743	929	794	1,014
Large General		85	120	92	120
Independent Power Producer		2	2	2	2
Private St. Lights		514	515	515	515
	Sub-total	51,169	50,709	50,530	50,267
Government Service:					
Small Non Demand		694	635	684	639
Small Demand		344	386	351	385
Large		20	43	29	44
Street Lighting		620	618	618	617
	Sub-total	1,678	1,682	1,683	1,685
	Total	52,847	52,391	52,212	51,952
US Navy		1	1	1	1
		52,848	52,392	52,213	51,953

GUAM POWER AUTHORITY ACCURED REVENUE													
	TWELVE MONTHS ENDED	AUGUST 2021	JULY 2021	JUNE 2021	MAY 2021	APRIL 2021	MARCH 2021	FEBRUARY 2021	JANUARY 2021	DECEMBER 2020	NOVEMBER 2020	OCTOBER 2020	SEPTEMBER 2020
KWH SALES:													
Residential	861,100,387	46,704,727	68,202,855	64,968,782	62,850,164	48,968,782	48,777,188	42,287,647	49,761,533	47,187,600	47,324,889	47,817,061	46,940,702
Residential - Apt & Condo	2,619,181	632,147	603,330	677,488	646,219								
Small General Non Demand	73,648,690	6,793,429	7,166,892	6,926,943	7,276,636	8,491,718	8,181,821	6,328,884	6,647,220	6,848,221	6,496,613	6,722,382	6,244,960
Small General Demand	188,006,732	10,696,386	16,629,686	18,243,379	18,369,642	18,491,201	16,346,106	14,614,683	16,964,883	16,964,883	16,180,159	16,760,338	14,377,115
Large General	218,713,878	18,897,968	18,938,832	17,899,841	18,968,969	17,748,417	18,896,234	16,494,184	17,811,488	18,118,200	18,778,344	18,536,636	17,253,837
Private Outdoor Lighting	394,143	32,813	32,438	33,567	31,828	34,697	36,681	31,000	34,292	31,778	32,150	34,273	34,837
Independent Power Producer	426,891	34,376	29,999	28,733	31,883	34,826	31,488	33,248	36,182	36,182	74,882	33,328	32,898
Sub-Total	1,866,867,183	88,940,858	83,647,123	96,783,645	96,864,839	87,569,230	89,461,978	78,691,688	88,179,433	87,641,922	87,479,266	87,993,287	85,886,889
Government Service:	881,122,126												
Small Non Demand	18,428,827	999,588	978,217	933,468	1,821,788	968,486	887,381	735,876	798,195	786,768	785,087	827,216	696,811
Small Demand	161,452,138	8,195,458	9,188,248	8,998,848	9,426,468	8,898,925	8,477,141	7,886,311	8,832,898	8,233,899	7,764,428	7,884,767	7,888,747
Large	65,247,873	4,415,613	4,354,890	4,292,913	4,387,222	4,168,948	4,896,488	4,438,189	4,681,600	4,789,294	4,828,828	5,181,422	6,038,882
Street Lighting (Agencies)	7,606,878	938,506	634,826	657,781	676,832	634,881	638,478	657,701	657,790	654,677	667,791	634,828	562,896
Sub-Total	174,136,312	16,189,469	16,166,878	14,698,418	16,332,331	14,786,387	14,786,411	13,316,297	14,638,768	14,434,628	13,323,762	14,688,828	13,586,186
Total	1,239,142,695	104,119,326	109,884,002	111,484,063	111,397,170	102,148,637	104,268,388	91,907,713	102,218,199	101,788,688	101,483,618	101,941,318	97,879,226
U.S. Navy	308,892,818	28,692,893	27,287,666	28,326,152	29,543,190	23,118,519	25,767,888	23,290,988	26,988,129	26,877,878	27,837,233	28,513,367	23,876,628
Grand Total	1,847,945,423	136,812,318	136,811,668	137,774,215	137,940,363	126,268,067	129,888,374	115,198,693	129,288,328	128,662,827	128,446,251	127,514,673	121,748,880
REVENUE:													
Residential	\$ 113,861,738	\$ 19,267,336	\$ 18,146,882	\$ 18,287,631	\$ 18,568,583	\$ 18,189,287	\$ 8,998,884	\$ 8,140,772	\$ 8,731,644	\$ 8,481,278	\$ 8,661,989	\$ 8,438,828	\$ 8,393,434
Residential - Apt & Condo	\$ 889,888	\$ 136,247	\$ 128,253	\$ 131,884	\$ 187,432								
Small General Non Demand	\$ 17,938,188	\$ 1,888,788	\$ 1,748,981	\$ 1,888,988	\$ 1,784,142	\$ 1,688,061	\$ 1,643,183	\$ 1,418,878	\$ 1,246,826	\$ 1,281,222	\$ 1,242,336	\$ 1,388,888	\$ 1,291,673
Small General Demand	\$ 48,824,998	\$ 3,963,223	\$ 3,642,868	\$ 3,818,812	\$ 3,888,286	\$ 3,888,041	\$ 3,882,238	\$ 3,387,314	\$ 3,088,488	\$ 3,144,237	\$ 3,831,479	\$ 3,172,748	\$ 2,878,888
Large General	\$ 48,888,358	\$ 4,358,878	\$ 3,983,344	\$ 3,783,127	\$ 4,088,872	\$ 3,728,664	\$ 3,998,698	\$ 3,687,438	\$ 3,448,718	\$ 3,673,438	\$ 3,471,388	\$ 3,688,898	\$ 3,378,188
Private Outdoor Lighting	\$ 288,983	\$ 24,884	\$ 23,718	\$ 24,847	\$ 23,823	\$ 29,481	\$ 23,381	\$ 23,188	\$ 23,434	\$ 22,988	\$ 23,488	\$ 24,287	\$ 23,824
Independent Power Producer	\$ 87,982	\$ 8,888	\$ 8,787	\$ 8,811	\$ 8,921	\$ 7,148	\$ 8,882	\$ 7,283	\$ 6,477	\$ 6,783	\$ 6,848	\$ 6,848	\$ 6,211
Sub-Total	\$ 218,282,232	\$ 21,378,144	\$ 18,884,284	\$ 19,428,967	\$ 20,877,688	\$ 19,127,263	\$ 18,118,189	\$ 17,842,788	\$ 16,448,388	\$ 16,878,446	\$ 16,338,223	\$ 16,647,758	\$ 16,882,813
Government Service:													
Small Non Demand	\$ 2,714,888	\$ 284,291	\$ 288,184	\$ 248,788	\$ 289,911	\$ 284,878	\$ 237,132	\$ 200,648	\$ 187,714	\$ 194,477	\$ 192,813	\$ 202,232	\$ 173,827
Small Demand	\$ 23,536,887	\$ 2,374,631	\$ 2,187,888	\$ 2,128,888	\$ 2,233,484	\$ 2,123,988	\$ 2,833,826	\$ 1,851,948	\$ 1,761,488	\$ 1,777,806	\$ 1,882,988	\$ 1,722,788	\$ 1,692,888
Large	\$ 12,112,848	\$ 1,888,189	\$ 968,837	\$ 928,888	\$ 943,987	\$ 918,138	\$ 1,123,487	\$ 1,838,388	\$ 871,388	\$ 962,731	\$ 1,003,748	\$ 1,088,888	\$ 1,071,838
Street Lighting (Agencies)	\$ 4,801,788	\$ 413,821	\$ 412,811	\$ 488,888	\$ 483,718	\$ 412,848	\$ 397,883	\$ 488,888	\$ 387,724	\$ 388,184	\$ 387,718	\$ 388,181	\$ 388,438
Sub-Total	\$ 43,166,888	\$ 4,127,181	\$ 3,796,787	\$ 3,896,888	\$ 3,838,122	\$ 3,708,834	\$ 3,782,838	\$ 3,488,818	\$ 3,318,827	\$ 3,385,187	\$ 3,271,378	\$ 3,423,888	\$ 3,318,488
Total	\$ 281,449,122	\$ 25,505,326	\$ 22,681,071	\$ 23,325,856	\$ 23,936,810	\$ 22,836,107	\$ 22,901,225	\$ 21,151,378	\$ 19,764,212	\$ 19,864,743	\$ 19,810,898	\$ 19,971,843	\$ 19,198,313
U.S. Navy	\$ 96,914,652	\$ 4,899,218	\$ 6,519,282	\$ 8,765,288	\$ 8,184,883	\$ 4,838,887	\$ 4,888,888	\$ 4,883,178	\$ 4,282,178	\$ 4,753,232	\$ 4,542,888	\$ 3,993,818	\$ 3,898,284
Grand Total	\$ 317,333,334	\$ 30,414,528	\$ 29,889,294	\$ 29,889,958	\$ 29,121,893	\$ 27,378,874	\$ 27,788,788	\$ 26,194,632	\$ 24,847,066	\$ 24,888,476	\$ 23,853,184	\$ 23,963,683	\$ 23,044,417
NUMBER OF CUSTOMERS:													
Residential	44,852	45,311	45,871	46,241	44,566	44,582	44,578	45,881	44,863	44,348	44,271	44,292	44,191
Residential - Apt & Condo	6	6	6	6	6								
Small General Non Demand	4,422	4,588	4,581	4,582	4,491	4,433	4,386	4,387	4,381	4,378	4,380	4,378	4,364
Small General Demand	801	743	742	741	741	834	824	828	821	821	823	826	888
Large General	84	85	86	85	88	86	86	87	87	87	87	84	128
Private Outdoor Lighting	618	614	611	614	614	617	614	617	618	617	617	617	628
Independent Power Producer	2	2	2	2	2	2	2	2	2	2	2	2	2
Sub-Total	60,492	61,169	60,918	61,091	60,394	60,383	60,386	60,882	60,319	60,180	60,090	60,811	60,877
Government Service:													
Small Non Demand	682	684	686	688	687	682	678	674	682	686	684	678	683
Small Demand	344	344	343	343	344	360	360	360	360	348	358	373	388
Large	36	38	39	38	38	31	31	31	31	34	48	41	42
Street Lighting (Agencies)	618	628	618	618	618	618	618	618	618	618	618	618	618
Sub-Total	1,684	1,678	1,687	1,687	1,688	1,702	1,674	1,674	1,681	1,688	1,697	1,718	1,698
U.S. Navy	82,176	82,847	82,688	82,768	82,863	82,888	82,874	82,828	82,800	81,846	81,788	81,721	81,776
Grand Total	82,177	82,848	82,866	82,769	82,864	82,888	82,876	82,827	82,801	81,847	81,788	81,722	81,777

**GUAM POWER AUTHORITY
ACCURED REVENUE
AUGUST 2021**

Old Loc	DSM	Net of DSM
6.110000	0.003109	0.106891
New Loc	0.130480	0.003109
		0.127291

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE PER CUSTOMER		NON-FUEL		OIL	
			AMOUNT	C/KWH	AMOUNT	C/KWH	REVENUE	KWH	AMOUNT	C/KWH	AMOUNT	C/KWH
Month												
R Residential	45,311	48,788,737	\$ 10,987,335	\$ 23.4542	\$ 23,454,151	\$ 10,987,335		1,032	\$ 242.05	\$ 11,7916	\$ 5,513,832	\$ 11,6826
D Residential - Apt & Condo	6	832,147	\$ 138,247	\$ 21.5531	\$ 21,553,111	\$ 138,247		105,358	\$ 22,707.90	\$ 8,9567	\$ 56,832	\$ 12,5944
G Small Gen. Non Demand	4,508	6,793,429	\$ 1,888,758	\$ 27.0027	\$ 27,002,773	\$ 1,888,758		1,507	\$ 418.98	\$ 16,1891	\$ 1,098,433	\$ 11,6337
J Small Gen. Demand	743	16,066,295	\$ 3,993,223	\$ 24.0053	\$ 24,005,226	\$ 3,993,223		21,667	\$ 5,374.46	\$ 12,9157	\$ 2,079,204	\$ 11,8896
P Large General	85	18,597,960	\$ 4,358,875	\$ 23.4363	\$ 23,436,311	\$ 4,358,875		218,800	\$ 51,278.53	\$ 11,1380	\$ 2,071,080	\$ 12,3004
I Independent Power Producer	2	34,376	\$ 9,000	\$ 26.1819	\$ 26,181,94	\$ 9,000		17,188	\$ 4,500.12	\$ 13,8698	\$ 4,768	\$ 12,3122
H Private St. Lights	514	32,913	\$ 24,904	\$ 75.8864	\$ 75,886,4	\$ 24,904		84	\$ 48.45	\$ 82,9373	\$ 20,715	\$ 12,7291
Sub-Total	51,169	88,949,856	\$ 21,378,144	\$ 24.0339	\$ 24,033,93	\$ 21,378,144		1,738	\$ 417.79	\$ 12,1919	\$ 10,844,844	\$ 11,8421
Government Service												
S Small Non Demand	694	989,588	\$ 284,291	\$ 26.4408	\$ 26,440,78	\$ 284,291		1,440	\$ 409.64	\$ 15,7782	\$ 157,717	\$ 12,6626
K Small Demand	344	9,198,450	\$ 2,374,691	\$ 25.8182	\$ 25,818,21	\$ 2,374,691		26,740	\$ 6,903.17	\$ 13,1540	\$ 1,209,980	\$ 12,6823
L Large	20	4,412,625	\$ 1,065,159	\$ 24.1389	\$ 24,138,90	\$ 1,065,159		220,631	\$ 53,257.98	\$ 11,8373	\$ 513,509	\$ 12,5016
F Street Lighting (Agencies)	620	558,806	\$ 413,021	\$ 73.9114	\$ 73,911,42	\$ 413,021		901	\$ 666.16	\$ 61,1823	\$ 341,890	\$ 12,7291
Sub-Total	1,878	15,169,469	\$ 4,137,162	\$ 27.2730	\$ 27,273,06	\$ 4,137,162		9,040	\$ 2,465.53	\$ 14,6549	\$ 2,223,077	\$ 12,8180
U.S. Navy	1	28,892,993	\$ 4,899,219	\$ 18.3540	\$ 18,353,95	\$ 4,899,219		1,970	\$ 482.81	\$ 12,5507	\$ 13,067,720	\$ 11,9551
TOTAL	52,846	130,812,319	\$ 30,414,525	\$ 23.2595	\$ 30,414,525	\$ 30,414,525	2,475	\$ 575.51	\$ 11,2800	\$ 14,729,488	\$ 11,9905	\$ 15,885,037
Eleven Months Ending August 2021												
R Residential	44,893	534,159,695	\$ 105,470,304	\$ 19.7451	\$ 19,745,151	\$ 105,470,304		11,952	\$ 2,359.86	\$ 9,7048	\$ 51,839,020	\$ 10,4043
D Residential - Apt & Condo	6	2,519,151	\$ 500,988	\$ 18.8871	\$ 18,887,111	\$ 500,988		419,858	\$ 83,497.88	\$ 8,7199	\$ 218,067	\$ 11,1672
G Small Gen. Non Demand	4,428	68,902,640	\$ 18,728,516	\$ 24.3847	\$ 24,384,773	\$ 18,728,516		15,495	\$ 3,778.28	\$ 14,2638	\$ 9,785,352	\$ 10,1206
J Small Gen. Demand	794	173,628,217	\$ 37,845,343	\$ 21.6816	\$ 21,681,616	\$ 37,845,343		218,778	\$ 47,433.99	\$ 11,8221	\$ 20,179,185	\$ 10,0595
P Large General	92	201,459,622	\$ 41,681,229	\$ 20.6896	\$ 20,689,616	\$ 41,681,229		2,191,944	\$ 453,504.97	\$ 10,7145	\$ 21,585,359	\$ 9,9751
I Independent Power Producer	2	362,693	\$ 81,671	\$ 20.7977	\$ 20,797,77	\$ 81,671		196,347	\$ 40,835.47	\$ 11,2187	\$ 193,769	\$ 9,5810
H Private St. Lights	515	360,108	\$ 262,369	\$ 72.8590	\$ 72,859,06	\$ 262,369		999	\$ 509.28	\$ 82,8430	\$ 76,579	\$ 10,0181
Sub-Total	50,530	981,122,124	\$ 202,370,418	\$ 20.6264	\$ 20,626,418	\$ 202,370,418		19,417	\$ 4,004.98	\$ 10,5878	\$ 103,878,932	\$ 10,0387
Government Service												
S Small Non Demand	682	9,732,216	\$ 2,540,759	\$ 26.1087	\$ 26,108,77	\$ 2,540,759		14,275	\$ 3,728.62	\$ 15,9742	\$ 1,554,640	\$ 10,1325
K Small Demand	354	93,786,388	\$ 21,854,052	\$ 23.3089	\$ 23,308,911	\$ 21,854,052		264,939	\$ 81,749.15	\$ 13,2069	\$ 12,383,834	\$ 10,0000
L Large	30	50,207,970	\$ 11,041,019	\$ 21.9908	\$ 21,990,811	\$ 11,041,019		1,888,963	\$ 367,014.48	\$ 12,1224	\$ 6,086,388	\$ 9,8682
F Street Lighting (Agencies)	618	6,443,582	\$ 4,413,320	\$ 68.4917	\$ 68,491,77	\$ 4,413,320		10,422	\$ 7,138.41	\$ 58,4943	\$ 3,768,484	\$ 10,0074
Sub-Total	1,684	160,150,157	\$ 38,849,150	\$ 24.8824	\$ 24,882,411	\$ 38,849,150		95,101	\$ 23,663.39	\$ 14,8568	\$ 23,793,145	\$ 10,0256
U.S. Navy	1	1,411,272,280	\$ 242,219,568	\$ 21.2236	\$ 21,223,611	\$ 242,219,568				\$ 11,1866	\$ 127,672,077	\$ 10,0368
TOTAL	52,215	1,426,198,873	\$ 284,328,917	\$ 20.8373	\$ 20,837,311	\$ 284,328,917	27,314	\$ 5,636.90	\$ 10,2091	\$ 145,801,844	\$ 10,4282	\$ 148,727,073
Twelve Months Ending August 2021												
R Residential	44,852	581,100,397	\$ 113,863,738	\$ 19.5945	\$ 19,594,511	\$ 113,863,738		13,014	\$ 2,550.05	\$ 9,6892	\$ 56,303,940	\$ 9,9053
D Residential - Apt & Condo	6	2,519,151	\$ 500,988	\$ 18.8871	\$ 18,887,111	\$ 500,988		419,858	\$ 83,497.88	\$ 8,7199	\$ 218,067	\$ 11,1672
G Small Gen. Non Demand	4,422	73,848,600	\$ 17,930,189	\$ 24.2797	\$ 24,279,773	\$ 17,930,189		16,690	\$ 4,054.54	\$ 14,2833	\$ 10,547,986	\$ 9,9964
J Small Gen. Demand	801	188,005,732	\$ 40,524,998	\$ 21.5552	\$ 21,555,211	\$ 40,524,998		234,783	\$ 50,603.54	\$ 11,6249	\$ 21,855,453	\$ 9,9303
P Large General	94	218,713,578	\$ 45,058,335	\$ 20.8020	\$ 20,802,011	\$ 45,058,335		2,320,568	\$ 478,083.13	\$ 10,7528	\$ 23,517,910	\$ 9,8491
I Independent Power Producer	2	425,591	\$ 87,992	\$ 20.8752	\$ 20,875,211	\$ 87,992		212,796	\$ 43,990.00	\$ 11,1855	\$ 214,544	\$ 9,5097
H Private St. Lights	516	394,143	\$ 285,993	\$ 72.5608	\$ 72,560,811	\$ 285,993		764	\$ 554.70	\$ 82,7099	\$ 80,142	\$ 9,8510
Sub-Total	50,492	1,065,007,193	\$ 218,253,232	\$ 20.4931	\$ 20,493,111	\$ 218,253,232		21,092	\$ 4,322.50	\$ 10,5858	\$ 112,738,642	\$ 9,9073
Government Service												
S Small Non Demand	682	10,429,027	\$ 2,714,585	\$ 26.0291	\$ 26,029,111	\$ 2,714,585		15,297	\$ 3,981.79	\$ 16,0144	\$ 1,670,149	\$ 10,0147
K Small Demand	354	101,452,138	\$ 23,536,557	\$ 23.1997	\$ 23,199,711	\$ 23,536,557		286,655	\$ 66,503.11	\$ 13,2308	\$ 13,422,911	\$ 9,9689
L Large	30	55,247,572	\$ 12,112,848	\$ 21.9243	\$ 21,924,311	\$ 12,112,848		1,826,484	\$ 402,636.51	\$ 12,1918	\$ 6,735,893	\$ 9,7325
F Street Lighting (Agencies)	618	7,008,578	\$ 4,801,759	\$ 68.5322	\$ 68,532,211	\$ 4,801,759		11,333	\$ 7,766.69	\$ 58,6584	\$ 4,109,806	\$ 9,8758
Sub-Total	1,684	174,135,312	\$ 43,165,550	\$ 24.7885	\$ 24,788,511	\$ 43,165,550		103,408	\$ 25,632.75	\$ 14,8956	\$ 25,938,559	\$ 9,8929
U.S. Navy	1	1,239,142,505	\$ 261,418,782	\$ 21.0967	\$ 21,096,711	\$ 261,418,782		23,748	\$ 28,955.24	\$ 11,1915	\$ 138,678,200	\$ 9,9053
TOTAL	52,177	1,547,945,423	\$ 317,333,334	\$ 20.5003	\$ 20,500,311	\$ 317,333,334	29,687	\$ 6,061.81	\$ 10,2180	\$ 158,168,065	\$ 10,2823	\$ 159,164,669

GPA Work Session - October 21, 2021 - GM REPORT UPDATES

GPA-318
318Aug21

ENERGY ACCOUNT
FY 2021 Versus FY 2020

FOR INTERNAL USE ONLY

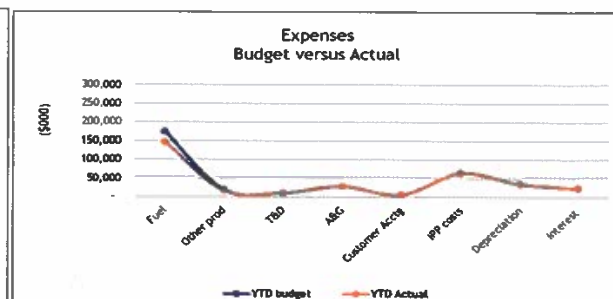
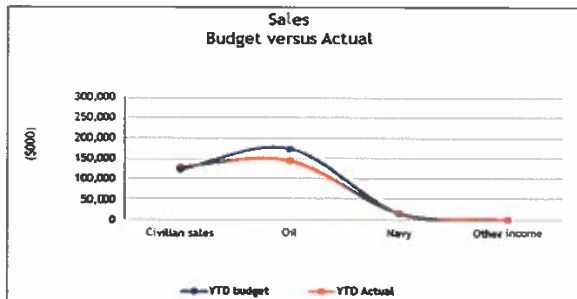
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	August 2021		August 2020		Y T D 2021		Y T D 2020		MOVING TWELVE MONTHS	
Gross Generation	31		31		335		335		365	
Number of days in Period	250		243		250		247		247	
Peak demand	08/09/21		08/11/20		08/09/21		10/23/19		10/23/19	
Date										
	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:										
Kilowatt hours GPA:										
Cabrera 1 & 2	66,458,000		71,184,000		622,920,000		653,023,000		670,679,000	
Cabrera No. 3	0		0		0		0		0	
Cabrera No. 4	0		0		0		0		0	
MEC (ENRON) PH 8 (IPP)	30,030,400		26,897,100		299,580,000		303,874,100		326,990,500	
MEC (ENRON) PH 9 (IPP)	25,591,800		24,272,000		304,839,400		281,959,000		331,714,500	
TEMES PH 7 (IPP)	5,753,432		408,221		58,651,805		28,621,905		60,282,499	
Tongulson 2	0		0		0		0		0	
Tongulson 1	0		0		0		0		0	
Diesels/CT's & Others:										
MDI 10MW	20,104		3,328		257,173		129,930		257,173	
GPS Solar Bandian	3,425,540		3,054,820		86,202,121		43,318,700		49,524,364	
Dededo CT #1	1,128,000		0		16,298,330		1,692,700		16,401,800	
Dededo CT #2	1,325,990		0		19,798,900		3,399,540		20,020,080	
Macheche CT	6,872,081		2,242,558		69,836,110		48,145,527		74,177,728	
Vigo CT (Leased)	2,368,553		2,750,689		10,215,027		42,866,372		33,728,891	
Tenjo	851,760		1,857,290		23,652,070		31,118,790		26,703,180	
Tadefole 18 MW	396,610		0		8,093,850		1,139,710		8,093,850	
Aguirre/Vigo Diesel Units	444,004		11,309,267		71,891,325		106,754,648		88,994,412	
Wind Turbine*	0		0		0		170,580		0	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
Ratio to last year	144,716,574	100.51	143,979,280	97.56	1,572,240,913	101.39	1,550,754,562	97.44	1,708,034,417	101.05
Station use	6,054,913		6,027,252		61,181,088		60,610,900		65,987,806	
Ratio to Gross generation		4.18		4.19		3.89		3.91		3.86
Net send out	138,661,661		137,952,027		1,511,329,225		1,490,143,661		1,642,046,612	
Ratio to last year		100.51		96.89		101.41		97.58		101.12
KWH deliveries:										
Sales to Navy (a 34.5k)	26,692,993		26,232,463		284,927,293		285,476,557		308,802,918	
Ratio to last year		101.76		96.30		99.81		98.91		99.40
GPA-metered	111,968,668		111,719,565		1,226,201,932		1,204,667,104		1,333,243,894	
Ratio to last year		100.22		97.03		101.79		97.27		101.53
Power factor adj	0		0		0		0		0	
Adjusted	111,968,668		111,719,565		1,226,201,932		1,204,667,104		1,333,243,894	
GPA KWH Accountability:										
Sales to civilian customers- actual basis	164,119,326		163,184,820		1,141,372,280		1,116,175,792		1,239,142,505	
Ratio to last year		100.98		97.10		102.25		96.83		101.74
GPA use-KWH	340,012		354,276		3,098,996		3,706,936		4,034,200	
Unaccounted For	7,509,330		8,260,469		81,230,656		84,774,336		90,067,189	
Ratio to deliveries		6.71		7.30		6.62		7.04		6.76
Ratio to Gross Generation		5.19		5.74		5.17		5.47		5.27
Ratio to Net Send Out		5.43		6.00		5.38		5.69		5.50

GPA-317Aug21

**Guam Power Authority
Fuel Consumption
FY 2021**

Description	August 2021		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARRELS	AMOUNT
FUEL FURNISHED:						
NAVY:						
Diesel	0	0	0	0	0	0
Low Sulfur	0	0	0	0	0	0
	0	0	0	0	0	0
GPA:						
RFO	125,317	\$9,152,582	1,528,893	\$ 92,851,508	1,604,788	\$ 95,552,722
Diesel	45,439	\$4,022,479	670,753	\$ 50,140,861	731,957	\$ 53,950,723
Low Sulfur	64,725	\$4,489,571	358,805	\$ 19,383,306	439,762	\$ 22,633,099
Deferred Fuel Costs	0	-\$3,392,518	0	\$ (30,708,076)	0	\$ (31,508,202)
Fuel Adjustments	0	\$0		\$ (16,717)	0	\$ (404,016)
Fuel Handling Costs	0	\$1,412,923	0	\$ 17,076,192	0	\$ 18,940,345
	235,481	\$15,685,037	2,558,450	\$ 148,727,074	2,776,506	\$ 159,164,671
IWPS:						
GPA RFO	125,317	\$9,152,582	1,528,893	\$ 92,851,508	1,604,788	\$ 95,552,722
Diesel	45,439	\$4,022,479	670,753	\$ 50,140,861	731,957	\$ 53,950,723
Low Sulfur	64,725	\$4,489,571	358,805	\$ 19,383,306	439,762	\$ 22,633,099
Deferred Fuel Costs	0	-\$3,392,518	0	\$ (30,708,076)	0	\$ (31,508,202)
Fuel Variance	0	\$0	0	\$ (16,717)		\$ (404,016)
Fuel Handling Costs	0	\$1,412,923	0	\$ 17,076,192	0	\$ 18,940,345
	235,481	\$15,685,037	2,558,450	\$ 148,727,074	2,776,506	\$ 159,164,671
AVERAGE COST/Bbl.						
GPA RFO		\$73.04		\$60.73		\$59.54
Diesel		\$88.53		\$74.75		\$73.71
Low Sulfur		\$69.36		\$54.02		\$51.47
AS BURNED						
Cabras 1 & 2						
RFO	73,682	\$ 5,387,034	866,697	\$ 52,345,102	904,965	\$ 53,716,960
Low Sulfur	41,642	\$ 2,915,940	205,044	\$ 11,255,208	249,650	\$ 13,049,107
Diesel	3	\$ 220	1,230	\$ 92,949	1,235	\$ 93,368
	115,327	\$ 8,303,194	1,072,971	\$ 63,693,259	1,155,850	\$ 66,859,434
Cabras 3 & 4						
RFO	0	\$ -	0	\$ -	0	\$ -
Low Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	0	\$ -	0	\$ -	0	\$ -
	0	\$ -	0	\$ -	0	\$ -
MEC (Piti Units 8&9)						
RFO	51,635	\$ 3,765,548	662,196	\$ 40,506,406	699,823	\$ 41,835,762
Low Sulfur	23,083	\$ 1,573,631	153,761	\$ 8,128,098	190,112	\$ 9,583,993
Diesel	11	\$ 941	27	\$ 2,381	27	\$ 2,381
	74,729	\$ 5,340,120	815,983	\$ 48,636,885	889,962	\$ 51,422,135
Diesel & CT's - GPA:						
MDI Dsl	34	\$ 3,668	447	\$ 44,787	447	\$ 44,787
Macheche CT	14,356	\$ 1,275,467	146,617	\$ 11,046,261	156,598	\$ 11,635,410
Yigo CT	5,089	\$ 438,295	64,543	\$ 4,533,287	72,386	\$ 4,996,451
Talofofo 10 MW	668	\$ 60,088	13,583	\$ 1,113,609	13,583	\$ 1,113,609
Aggreko	617	\$ 60,786	133,982	\$ 8,504,926	165,791	\$ 10,380,356
Tenjo	1,513	\$ 133,417	41,718	\$ 3,690,320	47,163	\$ 4,186,821
TEMES (IPP)	15,491	\$ 1,372,254	158,652	\$ 12,376,294	163,667	\$ 12,666,097
GWA Generators	25	\$ 3,413	112	\$ 15,263	115	\$ 15,610
	45,425	\$ 4,021,318	669,496	\$ 50,045,532	730,695	\$ 53,854,975
Deferred Fuel Costs	0	\$ (3,392,518)		\$ (30,708,076)		\$ (31,508,202)
Adjustment		\$ -		\$ (16,717)		\$ (404,016)
Fuel Handling Costs	0	\$ 1,412,923		\$ 17,076,192		\$ 18,940,345
TOTAL	235,481	\$ 15,685,037	2,558,450	\$ 148,727,074	2,776,506	\$ 159,164,671

Statement of operations Comparison-Budget versus Actual For the month and year to date ended August 31, 2021						
	Budget	Actual August-21	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	107,314	104,119	3,195	1,117,192	1,141,272	-24,080
Non-fuel yield	\$ 0.107230	\$ 0.125507	\$ (0.018277)	\$ 0.111625	\$ 0.114937	\$ (0.003313)
KwH Sales-Navy	27,018	26,693	325	279,244	284,928	-5,684
Non-fuel yield	\$ 0.061900	\$ 0.062255	\$ (0.000355)	\$ 0.063457	\$ 0.062927	\$ 0.000530
Operating revenue						
Civilian sales	\$ 11,507	\$ 13,068	\$ (1,560)	\$ 124,706	\$ 131,175	\$ (6,469)
Oil	16,352	15,685	667	175,456	145,226	30,230
Navy	1,672	1,662	11	17,720	17,930	(210)
DSM-Rebates	-	330	(330)	-	3,535	(3,535)
Other income	180	100	80	1,980	1,733	247
	29,711	30,844	(1,133)	319,862	299,598	20,264
Bad debts expense	87	87	0	958	958	0
Total operating revenues	\$ 29,624	\$ 30,757	\$ (1,133)	\$ 318,904	\$ 298,641	\$ 20,264
Operating expenses:						
Production fuel	\$ 16,352	\$ 15,685	\$ 667	\$ 175,456	\$ 148,727	\$ 26,729
O & M expenses:						
Other production	2,163	1,622	541	20,038	16,626	3,413
Transmission distribution	1,101	1,190	(89)	11,041	12,549	(1,508)
Administrative expense	2,647	2,547	100	28,772	29,470	(698)
Customer accounting	633	571	62	5,234	5,879	(645)
	6,543	5,930	613	65,086	64,524	561
IPP costs	1,383	830	553	15,208	10,460	4,749
Depreciation	3,291	1,815	1,476	36,199	34,704	1,495
	27,569	24,260	3,309	291,949	258,415	33,535
Operating income	2,056	6,498	(4,442)	26,955	40,226	(13,271)
Other revenue (expenses):						
Investment income	83	3	81	917	763	154
Interest expense	(2,185)	(2,191)	6	(24,038)	(24,140)	102
Allowance for funds used during construction	-	34	(34)	-	795	(795)
Pandemic -COVID19	-	-	-	-	(220)	220
Losses due to typhoon	-	-	-	-	(961)	961
Bond issuance costs/Other expenses	89	85	4	982	934	47
Net income before capital contribution	43	4,428	(4,385)	4,815	17,397	(12,582)
Grants from the U.S. Government	-	64	(64)	-	64	(64)
Increase (decrease) in net assets	\$ 43	\$ 4,492	\$ (4,449)	\$ 4,815	\$ 17,461	\$ (12,646)

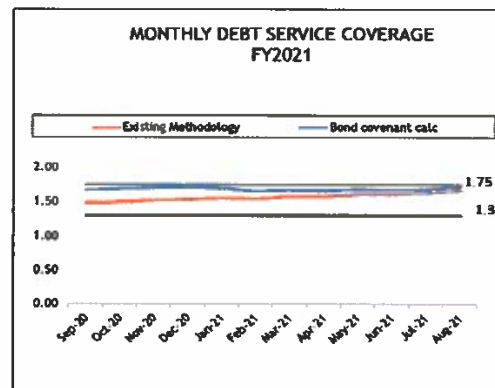


Guam Power Authority
Debt service coverage
August 31, 2021

	Restated 2017	Audited 2018	Audited 2019	Audited 2020	YTD Unaudited 2021
Funds Available for Debt Service					
Earnings from Operations	\$ 36,522	\$ 38,164	\$ 39,053	\$ 39,440	\$ 40,218
Interest Income	122	620	2,746	2,377	422
Depreciation Expense	44,292	37,184	36,999	37,958	34,709
Balance Available for Debt Service	\$ 80,936	\$ 75,968	\$ 78,798	\$ 79,776	\$ 75,350
IPP - Capital Costs					
Principal	\$ 20,796	\$ 23,210	\$ 13,470	\$ 8,399	\$ 2,217
Interest	5,609	3,159	1,068	531	28
Total IPP Payments	\$ 26,405	\$ 26,369	\$ 14,538	\$ 8,930	\$ 2,245
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	-	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	7,999	2,000	-	-	-
Principal and Interest (2012 Senior TE Bond)	17,449	17,086	31,467	35,232	32,296
Principal and Interest (2014 Senior TE Bond)	5,084	5,083	5,084	5,087	4,664
Principal and Interest (2017 Senior TE Bond)	-	5,916	7,607	7,418	6,798
Total	\$ 30,532	\$ 30,086	\$ 44,158	\$ 47,737	\$ 43,758
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	1.79 x	1.65 x	1.46 x	1.48 x	1.67
Existing DSC Methodology (Senior+Subordinate)	1.79 x	1.65 x	1.46 x	1.48 x	1.67
Bond Covenant DSC	2.65 x	2.53 x	1.78 x	1.67 x	1.72
Debt Service Coverage Requirements					
Existing Ratemaking DSC Target	1.75 x	1.75 x	1.75 x	1.75 x	1.75
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30 x	1.30 x	1.30 x	1.30
Minimum Bond Covenant Requirement (Subordinate Bond)	1.20 x	1.20 x	1.20 x	1.20 x	1.20

Notes:

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

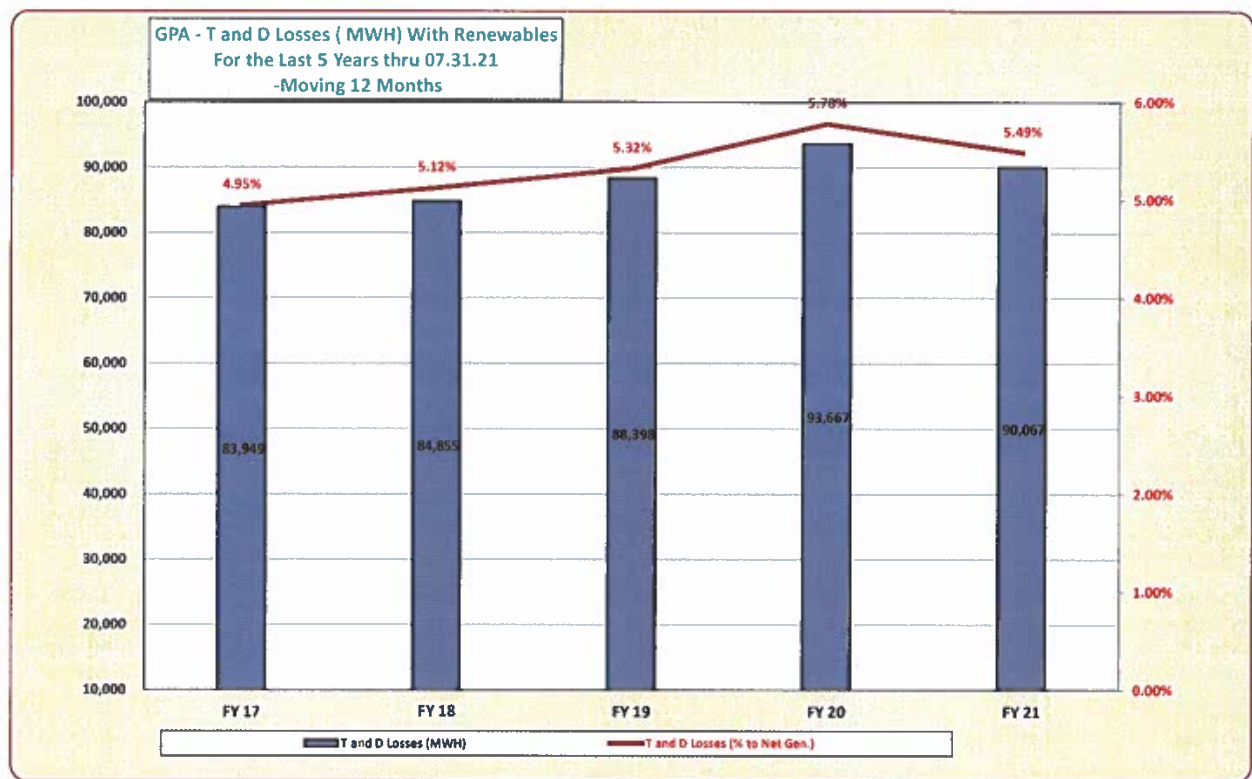


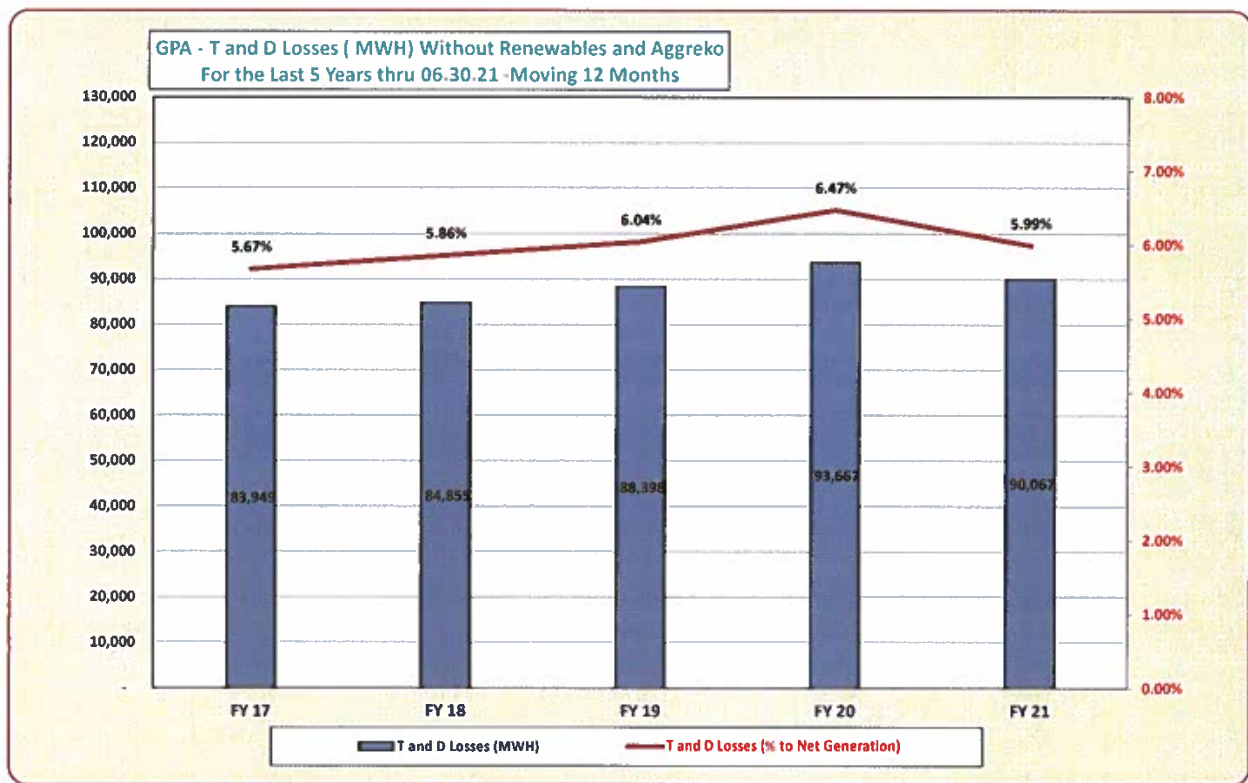
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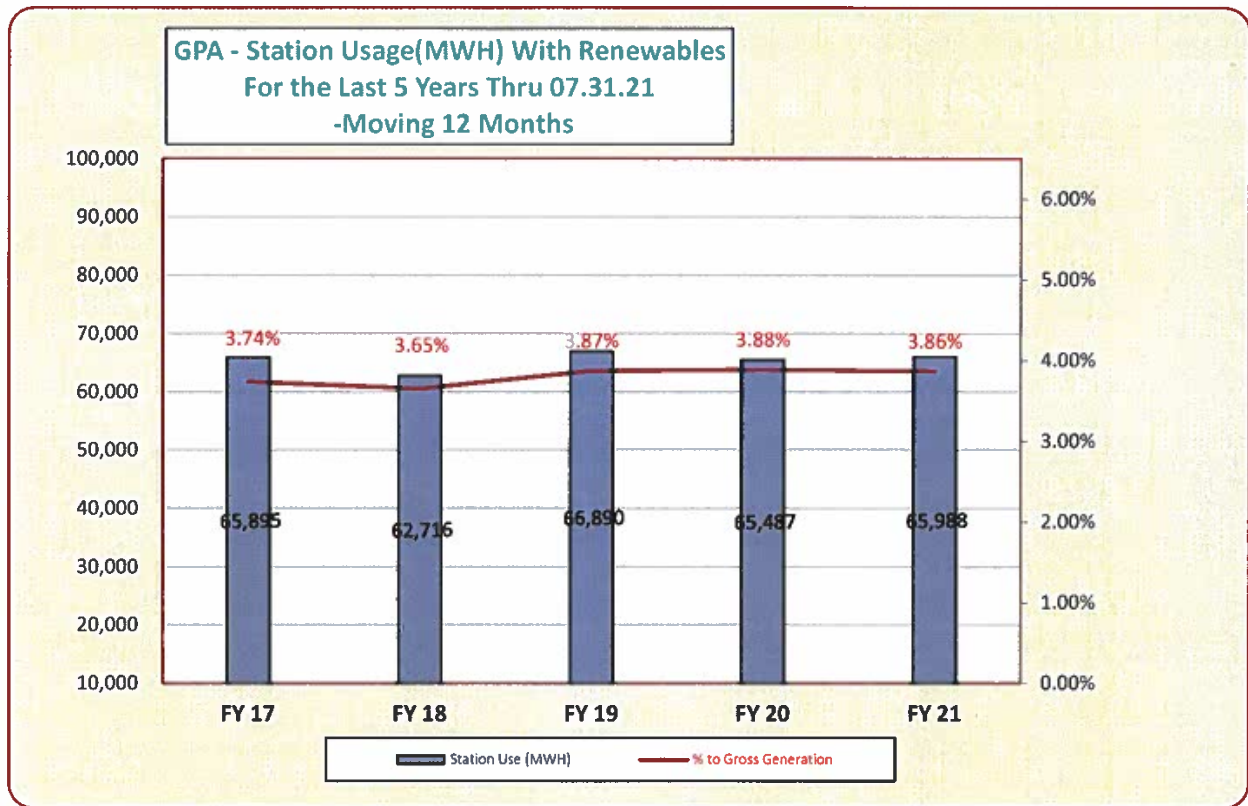
REVENUES-ACTUAL VS PROJECTIONS								
MONTHLY - AUGUST 2021					YTD THRU 08/31/21			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	40,383,298	46,760,737	6,377,438	15.79%	440,959,682	534,159,895	93,200,012	21.14%
Residential - Apt & Condo	-	632,147	632,147	-	-	2,519,151	2,519,151	-
Small General-Non-Demand	4,887,372	6,793,429	1,926,057	39.57%	68,340,927	68,602,640	261,713	0.38%
Small General-Demand	15,967,664	18,098,295	130,632	0.82%	165,599,598	173,628,217	8,028,619	4.85%
Large	24,995,144	18,597,960	(6,397,185)	-25.59%	267,188,021	201,459,622	(65,728,399)	-24.60%
Independent Power Producers	30,803	34,376	3,573	11.60%	338,394	332,693	(5,701)	-1.69%
Private St. Lites	33,125	32,913	(212)	-0.64%	351,020	360,106	9,085	2.59%
Sub-total	86,277,406	88,949,856	2,672,451	3.10%	942,777,643	981,122,124	38,344,480	4.07%
Government	-	-	-	-	-	-	-	-
Small_Non Demand	764,899	999,588	234,689	30.68%	11,628,801	9,732,216	(1,896,584)	-16.31%
Small-Demand	8,482,806	9,198,450	715,645	8.44%	88,169,693	93,766,368	5,596,675	6.35%
Large	6,107,095	4,412,625	(1,694,471)	-27.75%	63,737,423	50,207,970	(13,529,453)	-21.23%
Public St. Lites	834,132	558,806	(275,326)	-33.01%	8,031,197	6,443,582	(1,587,615)	-19.77%
Sub-total	16,188,933	15,169,469	(1,019,464)	-6.30%	169,567,114	160,150,157	(9,416,957)	-5.55%
Total-Civilian	102,486,339	104,119,326	1,632,987	1.61%	1,112,344,757	1,141,272,280	28,927,523	2.60%
USN	26,285,779	26,692,993	407,214	1.55%	278,512,336	284,927,293	6,414,957	2.30%
Grand Total	128,772,118	130,812,319	2,040,200	1.60%	1,390,857,093	1,426,199,573	35,342,480	2.54%
Non-Oil Yield								
Residential	0.096307	0.117916	0.021608	22.44%	0.095925	0.097048	0.001123	1.17%
Residential - Apt & Condo	-	-	-	-	-	0.087199	-	-
Small General-Non-Demand	0.138862	0.161691	0.022829	16.44%	0.138862	0.142638	0.003777	2.72%
Small General-Demand	0.120116	0.129157	0.009040	7.53%	0.120116	0.118221	(0.003896)	-3.24%
Large	0.103865	0.111360	0.007494	7.22%	0.103865	0.107145	0.003280	3.16%
Independent Power Producers	0.024112	0.138698	(0.114586)	-0.00%	0.024112	0.112167	(0.111945)	-0.00%
Private St. Lites	0.128477	0.029373	(0.099104)	-389.87%	0.128477	0.028430	(0.099953)	-389.14%
Sub-total	0.105505	0.121919	0.016414	15.56%	0.105739	0.105878	0.000139	0.13%
Government	-	-	-	-	-	-	-	-
Small_Non Demand	0.152623	0.157782	0.005159	3.38%	0.152623	0.159742	0.007119	4.66%
Small-Demand	0.133106	0.131540	(0.001567)	-1.18%	0.133106	0.132069	(0.001037)	-0.78%
Large	0.124944	0.118373	(0.006571)	-5.26%	0.124944	0.121224	(0.003720)	-2.98%
Public St. Lites	0.047388	0.011823	(0.035565)	-28.97%	0.047388	0.058483	0.110455	23.28%
Sub-total	0.148534	0.146549	(0.001984)	-1.34%	0.147541	0.148568	0.001027	0.70%
Total-Civilian	0.112303	0.125507	0.013204	11.76%	0.112303	0.111868	(0.000435)	-0.39%
USN	0.063624	0.062255	(0.001369)	-2.15%	0.063624	0.062928	(0.000696)	-1.09%
Grand Total	0.102385	0.112600	0.010215	10.00%	0.102402	0.102091	(0.000311)	-0.30%
Non-Oil Revenues								
Residential	3,889,213	5,513,832	1,624,619	41.77%	42,299,180	51,839,020	9,539,840	22.55%
Residential - Apt & Condo	-	56,832	56,832	-	-	219,667	219,667	-
Small General-Non-Demand	675,891	1,098,433	422,542	62.52%	9,489,932	9,785,352	295,420	3.11%
Small General-Demand	1,917,978	2,079,204	161,225	8.41%	19,691,229	20,179,185	487,956	2.48%
Large	2,596,124	2,071,060	(525,064)	-20.22%	27,751,520	21,585,359	(6,166,161)	-22.22%
Independent Power Producers	19,224	4,768	(14,457)	-75.20%	211,196	44,047	(167,149)	-79.14%
Private St. Lites	4,250	20,715	16,465	388.74%	45,098	226,301	181,203	401.80%
Sub-total	9,102,687	10,844,644	1,741,957	19.14%	99,688,155	103,878,932	4,190,777	4.20%
Government	-	-	-	-	-	-	-	-
Small_Non Demand	116,741	157,717	40,976	35.10%	1,774,817	1,554,640	(220,178)	-12.41%
Small-Demand	1,129,114	1,209,960	80,847	7.18%	11,469,716	12,383,634	913,918	7.97%
Large	763,043	513,509	(249,535)	-32.70%	7,963,593	6,086,388	(1,877,206)	-23.57%
Public St. Lites	395,702	341,890	(53,812)	-13.60%	3,809,902	3,768,484	(41,418)	-1.09%
Sub-total	2,404,600	2,223,077	(181,523)	-7.55%	25,018,028	23,793,145	(1,224,883)	-4.90%
Total-Civilian	11,507,287	13,067,720	1,560,433	13.56%	124,706,183	127,672,077	2,965,894	2.38%
USN	1,672,397	1,861,768	(1,029)	-0.06%	17,719,967	17,929,767	209,800	1.18%
Grand Total	13,179,684	14,929,488	1,749,804	13.28%	142,426,150	145,601,844	3,175,693	2.23%
% of Total Revenues	44.63%	48.43%	-	-	44.80%	49.47%	-	-
Oil Revenues								
Residential	5,128,760	5,453,503	324,743	6.33%	55,797,684	53,631,283	(2,166,401)	-3.88%
Residential - Apt & Condo	-	79,615	79,615	-	-	281,319	281,319	-
Small General-Non-Demand	618,166	790,325	172,159	27.85%	8,580,144	6,943,164	(1,636,980)	-19.08%
Small General-Demand	2,027,925	1,914,020	(113,905)	-5.62%	20,905,505	17,466,158	(3,439,347)	-16.45%
Large	3,174,433	2,287,615	(886,818)	-27.94%	33,550,792	20,095,670	(13,455,122)	-40.10%
Independent Power Producers	3,912	4,232	320	8.19%	42,371	37,624	(4,747)	-11.20%
Private St. Lites	4,207	4,190	(17)	-0.41%	44,055	36,068	(7,987)	-18.13%
Sub-total	10,957,403	10,533,500	(423,903)	-3.87%	118,920,551	98,491,487	(20,429,064)	-17.18%
Government	-	-	-	-	-	-	-	-
Small_Non Demand	97,144	126,574	29,430	30.30%	1,456,322	986,119	(470,203)	-32.29%
Small-Demand	1,077,333	1,164,731	87,398	8.11%	10,677,433	9,470,418	(1,207,015)	-11.94%
Large	775,613	551,650	(223,963)	-28.88%	8,001,331	4,954,631	(3,046,700)	-38.08%
Public St. Lites	105,936	71,131	(34,805)	-32.86%	1,017,526	644,837	(372,689)	-36.63%
Sub-total	2,056,027	1,914,086	(141,941)	-6.90%	21,352,613	16,056,005	(5,296,608)	-24.81%
Total-Civilian	13,013,430	12,447,586	(565,844)	-4.35%	140,273,163	114,547,492	(25,725,671)	-18.34%
USN	3,338,347	3,237,451	(100,896)	-3.02%	35,183,102	34,179,582	(1,003,520)	-2.85%
Grand Total	16,351,777	15,685,037	(666,739)	-4.08%	175,456,265	148,727,073	(26,729,192)	-15.23%
% of Total Revenues	55.37%	51.57%	-	-	55.20%	50.53%	-	-
Grand Total								
Residential	9,017,973	10,967,335	1,949,362	21.62%	98,098,864	105,470,304	7,371,440	7.52%
Residential - Apt & Condo	-	136,247	136,247	-	-	500,986	500,986	-
Small General-Non-Demand	1,294,057	1,888,758	594,701	45.96%	18,070,075	16,728,516	(1,341,559)	-7.42%
Small General-Demand	3,945,904	3,993,223	47,320	1.20%	40,796,735	37,845,343	(2,951,392)	-7.22%
Large	5,770,557	4,358,675	(1,411,882)	-24.47%	61,302,312	41,881,229	(19,421,083)	-31.69%
Independent Power Producers	23,136	9,000	(14,136)	-61.10%	253,567	81,671	(171,896)	-67.79%
Private St. Lites	8,463	24,904	16,441	194.28%	89,153	262,369	173,216	194.29%
Sub-total	20,060,090	21,378,144	1,318,054	6.57%	218,608,706	202,370,418	(16,238,287)	-7.43%
Government	-	-	-	-	-	-	-	-
Small_Non Demand	213,885	284,291	70,406	32.92%	3,231,139	2,540,759	(690,380)	-21.37%
Small-Demand	2,206,447	2,374,691	168,244	7.63%	22,347,148	21,854,052	(493,096)	-2.21%
Large	1,538,657	1,065,159	(473,498)	-30.77%	15,964,924	11,041,019	(4,923,905)	-30.84%
Public St. Lites	501,639	413,021	(88,617)	-17.67%	4,827,430	4,413,320	(414,110)	-8.58%
Sub-total	4,460,627	4,137,162	(323,465)	-7.25%	46,370,641	39,849,150	(6,521,491)	-14.06%
Total-Civilian	24,520,717	25,515,306	994,589	4.06%	264,979,346	242,219,568	(22,759,778)	-8.59%
USN	5,010,743	4,899,219	(111,524)	-2.23%	52,903,069	52,109,349	(793,720)	-1.50%
Grand Total	29,531,460	30,414,525	883,065	2.99%	317,882,416	294,328,917	(23,553,499)	-7.41%

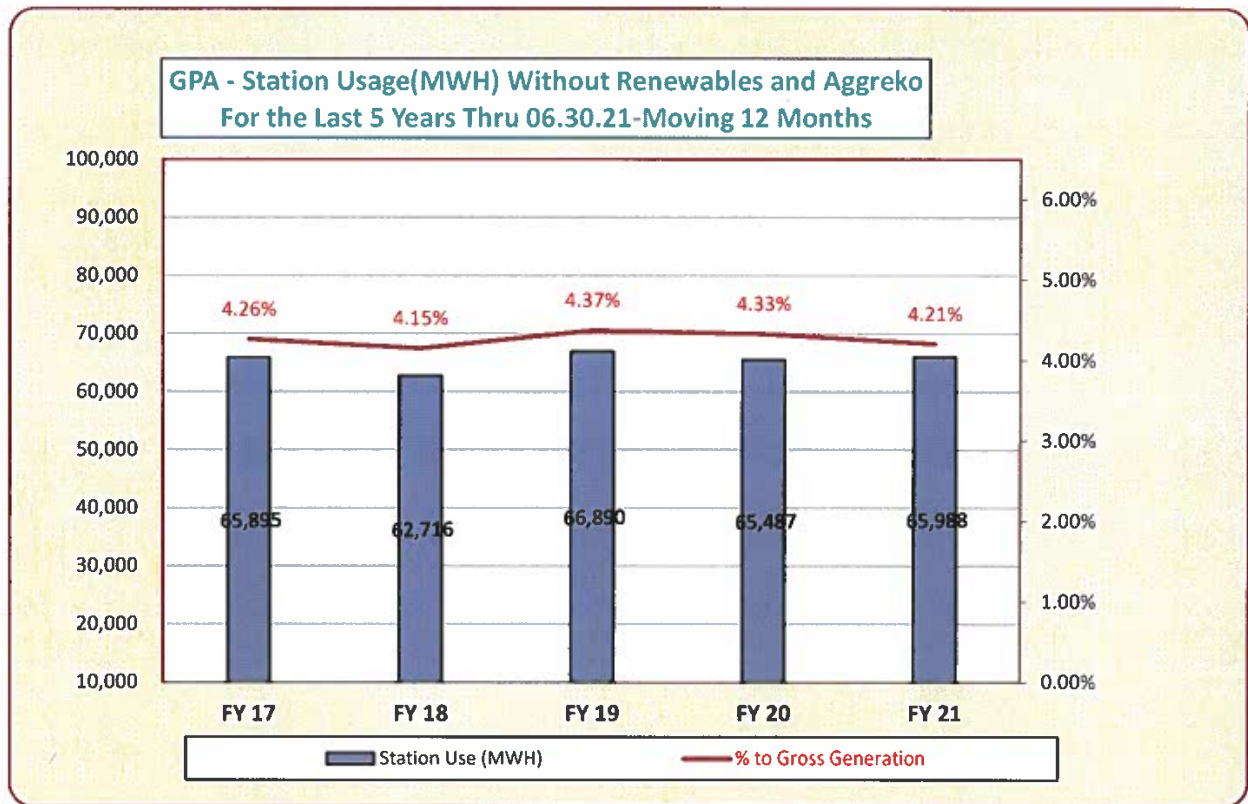
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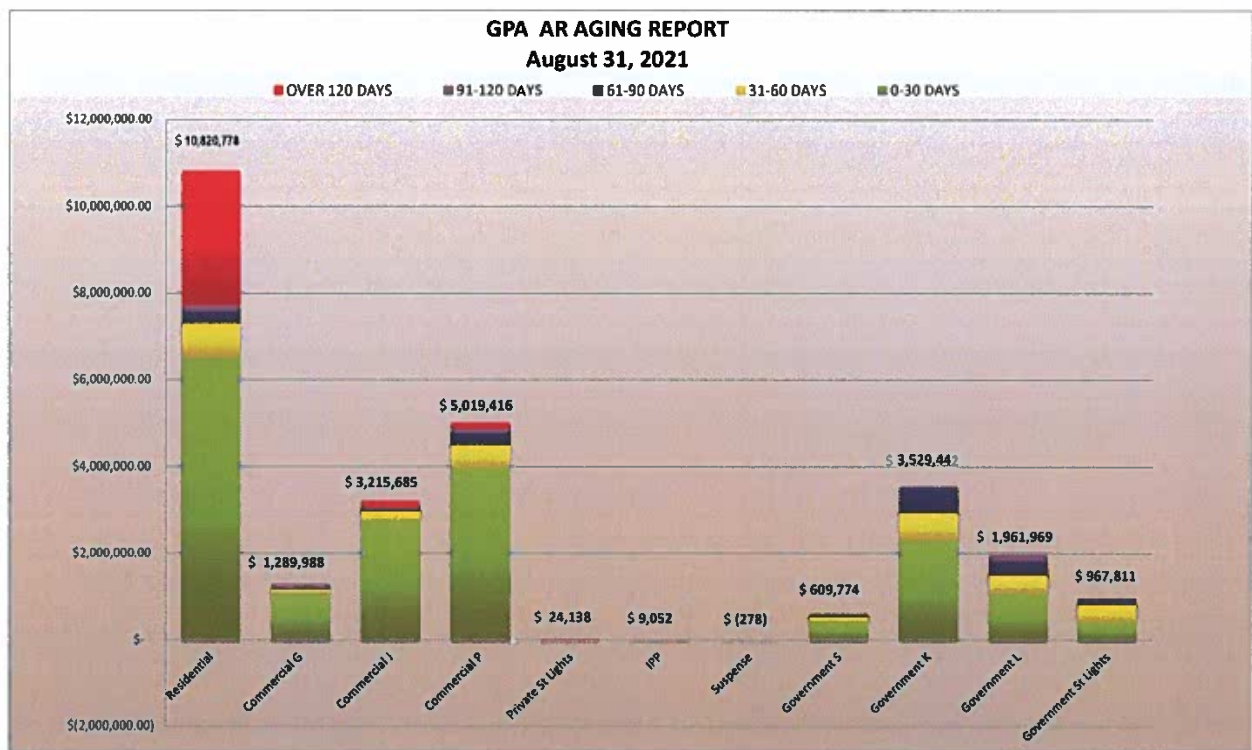
YTD REVENUES - CURRENT YEAR VS PRIOR YEAR					MTD REVENUES - CURRENT YEAR VS PRIOR YEAR				
ACTUALS - 11 MONTHS ENDED AUGUST 31					ACTUALS - MONTH ENDED AUGUST 31				
	2021	2020	VARIANCE	% VARIANCE	2021	2020	VARIANCE	% VARIANCE	
KWH									
Residential	534,159,695	485,297,878	48,861,817	10.07%	48,760,737	48,488,288	(1,727,552)	-3.56%	
Residential - Apt & Condo	2,519,151	-	2,519,151		632,147	632,147			
Small General-Non-Demand	68,602,840	56,022,266	12,580,574	22.46%	6,793,429	5,102,926	1,690,503	33.13%	
Small General-Demand	173,628,217	168,637,556	6,990,661	4.20%	16,098,295	14,842,313	1,455,982	9.84%	
Large	201,459,622	242,252,354	(40,792,732)	-16.84%	18,597,960	20,245,005	(1,847,045)	-9.14%	
Independent Power Producers	392,693	351,974	40,719	11.57%	34,378	31,841	2,435	7.62%	
Private St. Lites	360,106	362,843	(2,737)	-0.75%	32,913	33,040	(127)	-0.39%	
Sub-total	981,122,124	950,924,870	30,197,254	3.18%	88,949,856	88,543,514	406,343	0.46%	
Government									
Small_Non Demand	9,732,216	7,878,337	2,055,880	26.78%	999,588	712,443	287,145	40.30%	
Small-Demand	93,766,388	90,893,228	2,873,160	3.16%	9,198,450	8,089,781	1,108,670	13.70%	
Large	50,207,970	60,201,405	(9,993,435)	-16.60%	4,412,625	5,187,440	(774,815)	-14.94%	
Public St. Lites	6,443,562	6,479,950	(36,387)	-0.56%	558,806	571,642	(12,836)	-2.25%	
Sub-total	160,150,157	165,250,919	(5,100,763)	-3.09%	15,169,469	14,561,306	608,163	4.18%	
Total-Civilian	1,141,272,280	1,116,175,789	25,096,491	2.25%	104,119,326	103,104,820	1,014,506	0.98%	
USN	284,927,293	285,476,557	(549,264)	-0.19%	26,092,993	26,232,462	(140,469)	-0.53%	
Grand Total	1,426,199,573	1,401,652,346	24,547,227	1.75%	130,812,319	129,337,281	1,475,037	1.14%	
Non-Oil Yield									
Residential	0.097048	0.095560	0.001488	1.56%	0.117916	0.095169	0.022746	23.90%	
Residential - Apt & Condo	0.087199	-	0.087199		0.089587	-	0.089587		
Small General-Non-Demand	0.142638	0.144679	-0.002041	-1.41%	0.161691	0.143658	0.018032	12.55%	
Small General-Demand	0.116221	0.121916	-0.005695	-4.67%	0.129157	0.119269	0.009888	8.29%	
Large	0.107145	0.108655	-0.001511	-1.39%	0.111360	0.111328	0.000031	0.03%	
Independent Power Producers	0.112167	0.123294	-0.011127	-9.03%	0.138898	0.127803	0.011095	8.52%	
Private St. Lites	0.028430	0.024978	0.003451	0.55%	0.029373	0.031033	(0.001661)	-0.26%	
Sub-total	0.105878	0.106621	-0.000743	-0.70%	0.121919	0.105856	0.016063	15.17%	
Government									
Small_Non Demand	0.159742	0.164173	-0.004432	-2.70%	0.157782	0.164128	-0.006346	-3.87%	
Small-Demand	0.132069	0.134072	-0.002003	-1.49%	0.131540	0.134472	-0.002933	-2.18%	
Large	0.121224	0.128239	-0.007016	-5.47%	0.116373	0.128600	-0.012227	-9.51%	
Public St. Lites	0.058483	0.058169	0.000313	0.54%	0.058123	0.058777	-0.000654	-1.11%	
Sub-total	0.148568	0.150898	-0.002330	-1.54%	0.146549	0.152023	-0.005474	-3.60%	
Total-Civilian	0.111868	0.113176	-0.001308	-1.16%	0.125507	0.112378	0.013131	11.69%	
USN	0.062928	0.062410	0.000517	0.83%	0.062255	0.062256	-0.000001	-0.00%	
Grand Total	0.102091	0.102836	-0.000746	-0.72%	0.112800	0.102210	0.010590	10.17%	
Non-Oil Revenues									
Residential	51,839,020	46,374,888	5,464,132	11.78%	5,513,832	4,614,805	899,027	19.49%	
Residential - Apt & Condo	219,667	-	219,667		56,632	-	56,632		
Small General-Non-Demand	9,785,352	8,105,247	1,680,106	20.73%	1,098,433	733,079	365,354	49.84%	
Small General-Demand	20,179,185	20,315,797	(136,612)	-0.67%	2,079,204	1,746,370	332,834	19.06%	
Large	21,585,359	26,322,043	(4,736,684)	-18.00%	2,071,080	2,253,837	(182,757)	-8.11%	
Independent Power Producers	44,047	43,396	651	1.50%	4,768	4,082	686	16.80%	
Private St. Lites	226,301	226,769	(468)	-0.21%	20,715	20,849	(135)	-0.65%	
Sub-total	103,878,932	101,388,139	2,490,793	2.46%	10,844,644	9,372,822	1,471,821	15.70%	
Government									
Small_Non Demand	1,554,640	1,260,250	294,390	23.38%	157,717	116,932	40,785	34.88%	
Small-Demand	12,383,634	12,188,236	197,398	1.62%	1,209,960	1,087,852	122,108	11.22%	
Large	8,086,388	7,720,179	(1,633,791)	-21.16%	513,509	607,103	(93,594)	-15.40%	
Public St. Lites	3,768,484	3,769,321	(837)	-0.02%	341,890	341,772	119	0.03%	
Sub-total	23,793,145	24,935,986	(1,142,841)	-4.58%	2,223,077	2,213,658	9,419	0.43%	
Total-Civilian	127,672,077	126,324,125	1,347,951	1.07%	13,067,720	11,586,481	1,481,239	12.78%	
USN	17,929,767	17,816,626	113,141	0.64%	1,881,768	1,633,132	248,636	15.23%	
Grand Total	145,601,844	144,140,751	1,461,092	1.01%	14,729,488	13,219,613	1,509,875	11.42%	
% of Total Revenues									
Oil Revenues									
Residential	53,631,283	57,215,714	(3,584,431)	-6.26%	5,453,503	4,058,033	1,395,470	34.39%	
Residential - Apt & Condo	281,319	-	281,319		79,615	-	79,615		
Small General-Non-Demand	6,943,164	6,773,383	169,781	2.51%	790,325	427,069	363,256	85.06%	
Small General-Demand	17,486,158	20,333,926	(2,867,768)	-14.10%	1,914,020	1,225,553	688,467	56.18%	
Large	20,095,870	30,249,547	(10,153,677)	-33.57%	2,287,615	1,695,983	591,632	34.88%	
Independent Power Producers	37,624	42,218	(4,594)	-10.88%	4,232	2,871	1,361	47.39%	
Private St. Lites	36,068	44,860	(8,792)	-19.60%	4,190	2,765	1,424	51.51%	
Sub-total	98,491,487	114,659,648	(16,168,162)	-14.10%	10,533,500	7,412,074	3,121,426	42.11%	
Government									
Small_Non Demand	986,119	956,827	29,292	3.06%	126,574	59,625	66,949	112.28%	
Small-Demand	9,470,418	11,295,508	(1,825,090)	-16.16%	1,184,731	677,042	507,689	73.50%	
Large	4,954,631	7,478,365	(2,523,733)	-33.75%	551,650	434,694	116,956	26.91%	
Public St. Lites	644,837	801,888	(157,051)	-19.59%	71,131	47,841	23,290	48.68%	
Sub-total	16,056,005	11,751,810	4,304,195	36.63%	1,914,086	1,219,202	694,883	56.99%	
Total-Civilian	114,547,492	75,382,732	39,164,759	51.95%	12,447,586	8,631,277	3,816,309	44.21%	
USN	34,179,582	31,229,897	2,949,684	9.45%	3,237,451	2,293,791	943,660	41.14%	
Grand Total	148,727,073	106,612,430	42,114,644	39.50%	15,685,037	10,925,068	4,759,969	43.57%	
% of Total Revenues									
Grand Total									
Residential	105,470,304	103,590,803	1,879,501	1.81%	10,987,335	8,672,839	2,294,697	26.46%	
Residential - Apt & Condo	500,986	-	500,986		136,247	-	136,247		
Small General-Non-Demand	16,728,516	14,878,630	1,849,886	12.43%	1,888,758	1,180,148	728,611	62.80%	
Small General-Demand	37,645,343	40,649,723	(3,004,380)	-7.39%	3,993,223	2,971,923	1,021,301	34.36%	
Large	41,881,229	58,571,590	(16,690,361)	-28.32%	4,358,675	3,949,820	408,855	10.35%	
Independent Power Producers	81,671	85,814	(3,943)	-4.61%	9,000	6,753	2,247	33.27%	
Private St. Lites	262,389	271,629	(9,240)	-3.41%	24,904	23,815	1,089	4.56%	
Sub-total	202,370,418	216,047,788	(13,677,369)	-6.33%	21,378,144	16,784,897	4,593,247	27.37%	
Government									
Small_Non Demand	2,540,759	2,217,077	323,682	14.60%	284,291	176,557	107,734	61.02%	
Small-Demand	21,854,052	23,481,744	(1,627,692)	-6.93%	2,374,691	1,764,894	609,797	34.55%	
Large	11,041,019	15,198,564	(4,157,545)	-27.35%	1,065,159	1,101,797	(36,638)	-3.33%	
Public St. Lites	4,413,320	4,571,209	(157,889)	-3.45%	413,021	389,813	23,208	6.01%	
Sub-total	39,849,150	45,468,594	(5,619,444)	-12.36%	4,137,162	3,432,861	704,302	20.52%	
Total-Civilian	242,219,568	261,516,381	(19,296,813)	-7.38%	25,515,306	20,217,758	5,297,548	26.20%	
USN	52,109,349	49,046,324	3,063,025	6.25%	4,899,219	3,926,923	972,296	24.76%	
Grand Total	294,328,917	310,562,705	(16,233,788)	-5.23%	30,414,525	24,144,681	6,269,845	25.97%	
						(696,238)			











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

GL ACCOUNT	RATE	TOTAL DUE	0-30 DAYS	31-60 DAYS	61-90 DAYS	91-120 DAYS	OVER 120 DAYS
1000.142000.10	Residential - R	\$ 8,110,891.99	6,360,479.55	804,869.27	269,021.44	142,162.25	534,359.48
1000.142000.11	Residential - PP	\$ 2,570,732.14	(160.78)				2,570,892.92
1000.142000.17	Residential - D	\$ 139,153.88	\$ 139,153.88				
1000.142000.12	Commercial G	\$ 1,289,987.72	1,067,755.64	100,749.51	28,240.77	17,091.06	76,150.74
1000.142000.13	Commercial J	\$ 3,215,685.44	2,740,244.15	227,793.49	43,014.50	35,899.74	168,733.56
1000.142000.14	Commercial P	\$ 5,019,416.43	3,973,815.66	524,363.89	275,314.05	86,858.55	159,064.28
1000.142000.15	Private St Lights	\$ 24,138.40	14,554.81	1,521.05	677.76	482.61	6,902.17
1000.142000.16	IPP	\$ 9,052.32	8,903.36	148.96			
1000.142000.98	Suspense	\$ (277.50)	(277.50)				
	TOTAL PRIVATE	\$ 20,378,780.82	\$ 14,304,468.77	\$ 1,659,446.17	\$ 616,268.52	\$ 282,494.21	\$ 3,516,103.15
1000.142000.19	Government S	\$ 609,773.80	\$ 412,182.48	\$ 118,152.92	\$ 59,719.29	\$ 11,068.68	\$ 8,650.43
1000.142000.20	Government K	\$ 3,529,441.81	\$ 2,303,660.13	\$ 625,081.40	\$ 533,651.93	\$ 66,624.40	\$ 423.95
1000.142000.21	Government L	\$ 1,961,969.40	\$ 1,075,844.78	\$ 412,989.27	\$ 339,898.57	\$ 133,236.78	\$ 0.00
1000.142000.22	Government St Lights	\$ 967,811.09	\$ 416,379.19	\$ 404,989.37	\$ 111,970.97	\$ 34,461.56	\$ 0.00
	TOTAL GOVERNMENT	\$ 7,068,996.10	\$ 4,208,068.58	\$ 1,561,222.96	\$ 1,045,240.76	\$ 245,391.42	\$ 9,074.38
	GRAND TOTAL	\$ 27,447,776.92	\$ 18,512,535.35	\$ 3,220,669.13	\$ 1,661,509.28	\$ 527,885.63	\$ 3,525,177.53
					\$ 23,394,713.76		
	Total Residential	\$ 10,681,624.13	\$ 6,360,318.77	\$ 804,869.27	\$ 269,021.44	\$ 142,162.25	\$ 3,105,252.40

GPA Work Session - October 21, 2021 - GM REPORT UPDATES

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
Billing up to SEPT 30, 2021 and paypayments as of 10/12/2021

Current (09/30/2021 Billing due 10/30/2021)
31 days Arrears 08/31/2021 due 09/30/2021)
61 days and over Arrears (07/31/21 billing due 08/31/2021)

CC&B New Acct Number	DEPARTMENT	CC&B BALANCE 08/31/2021	CANCEL/REBILL/ SPEC CHARGE 10/12/2021	BILLING 09/30/2021	PAYMENT UP TO 10/12/2021	CC&B BALANCE 10/12/2021
Line Agencies						
3404311949	LINE AGENCIES Guam Environmental Protect	6,646.49	-	6,400.40	-	13,046.89
4554808900	LINE AGENCIES Nieves Flores Library	23,395.96	-	12,238.88	(23,395.96)	12,238.88
6069461950	LINE AGENCIES Dept of Youth Affairs (Federal)	334.87	-	335.42	(334.87)	335.42
6293410000	LINE AGENCIES Office of the Governor	19,388.79	-	19,404.93	(19,388.79)	19,404.93
6841080463	LINE AGENCIES Guam Behavioral Health & Wellness	2,264.66	-	2,305.16	(2,264.66)	2,305.16
7928924534	LINE AGENCIES Guam Visitors Bureau	4,357.51	-	4,034.32	(4,357.51)	4,034.32
3227759982	LINE AGENCIES Mental Health/Subst.	46,755.89	-	46,162.26	(46,755.89)	46,162.26
7813165805	LINE AGENCIES Pacific Energy Resource Center	609.66	-	611.61	(609.66)	611.61
2913461537	LINE AGENCIES Dept. of Youth Affairs* (Local)	14,104.82	-	14,625.17	(14,104.82)	14,625.17
1073430238	LINE AGENCIES Dept. of Corrections	71,933.67	-	72,748.41	-	144,682.08
3558733700	LINE AGENCIES Dept of Chamorro Affairs/Chamorro Village (N	14.16	-	14.16	(14.16)	14.16
1099514147	LINE AGENCIES Dept of Chamorro Affairs/Repository	205.31	-	180.10	-	385.41
9541109130	LINE AGENCIES General Services Agency	252.37	-	261.51	-	513.88
7663706771	LINE AGENCIES Yona Senior Citizen Center	1,186.10	-	588.53	(1,186.10)	588.53
8564647941	LINE AGENCIES DOA Supply Mgmt (NET METERED)	1,055.02	-	1,117.06	-	2,172.08
0070861777	LINE AGENCIES Veteran Affairs	1,841.13	-	1,746.87	-	3,588.00
5247210000	LINE AGENCIES Mayors Council	19,944.15	-	2,496.13	(2,722.93)	19,717.35
4129948191	LINE AGENCIES Dept of Chamorro Affairs/Chamorro Village	2,561.60	-	2,562.23	(2,561.60)	2,562.23
4211873236	LINE AGENCIES Dept. of Administration	18,953.77	-	9,827.89	(9,827.89)	19,300.99
1621790133	LINE AGENCIES DOA-Data Processing	9,355.82	-	9,352.79	(9,355.82)	9,352.79
1595188699	LINE AGENCIES Dept. of Agriculture	11,033.79	-	11,054.97	(11,033.79)	11,054.97
8300435373	LINE AGENCIES Civil Defense (Military Affairs)	21,057.36	-	11,198.61	(7,212.04)	32,255.97
0453170939	LINE AGENCIES Guam Fire Department	15,742.49	-	16,310.24	(15,742.49)	16,310.24
8555858369	LINE AGENCIES Dept of Chamorro Affairs (Guam Museum)	20,432.25	-	17,936.83	-	38,369.08
1896187753	LINE AGENCIES Dept. of PH&SS	97,577.87	34.00	37,430.49	(28,443.16)	106,599.20
0040515913	LINE AGENCIES Dept. of Parks & Rec.	12,356.05	257.42	10,439.13	(12,356.05)	10,696.55
2535590089	LINE AGENCIES DPW-FAC Adm Account	30,360.07	-	32,531.25	(30,360.07)	32,531.25
7252821074	LINE AGENCIES Dept. of Education	2,423,120.31	200.10	881,568.80	(685,269.17)	2,619,620.04
0266069082	LINE AGENCIES Guam Police Department	167,975.58	-	43,964.46	(127,564.28)	84,375.76
Sub-total		3,044,817.52	491.52	1,269,448.61	(1,043,480.70)	3,271,276.95

Mayors						
6393530237	MAYORS Hagatna Mayor	1,292.88	-	606.71	(1,292.88)	606.71
4469579998	MAYORS Merizo Mayor	1,903.47	-	884.94	(1,903.47)	884.94
1380297633	MAYORS Talofofo Mayor	2,667.31	-	1,360.09	(2,667.31)	1,360.09
0402244686	MAYORS Asan/Maina/Adelup Mayor	2,163.35	-	1,118.02	(2,163.35)	1,118.02
3293808984	MAYORS Piti Mayor	2,385.08	-	1,075.07	(1,234.07)	2,226.08
7202265287	MAYORS Umatac Mayor	1,787.08	-	879.67	(1,787.08)	879.67
1837525565	MAYORS Yona Mayor	2,895.21	-	1,119.59	(2,895.21)	1,119.59
5763167341	MAYORS Barrigada Mayors Office	4,211.32	-	2,464.76	(4,211.32)	2,464.76
8715052935	MAYORS Mongmong/Toto/Maite Mayor	3,240.60	-	1,555.48	(3,240.60)	1,555.48
7037924246	MAYORS Yigo Mayor	4,969.34	-	2,413.08	(4,969.34)	2,413.08
8433959204	MAYORS Sinajana Mayor	5,915.18	-	2,915.70	(5,915.18)	2,915.70
8472200165	MAYORS Agaña Hts. Mayor	7,548.96	-	3,036.84	(7,548.96)	3,036.84
3832327736	MAYORS Santa Rita Mayor	6,335.42	-	2,789.50	(6,335.42)	2,789.50
3631627996	MAYORS Manglao Mayor	5,253.70	-	2,251.66	(5,253.70)	2,251.66
8041715847	MAYORS Dededo Mayor	10,075.12	-	4,165.40	(10,075.12)	4,165.40
6957205325	MAYORS Tamuning Mayor	9,921.86	-	4,912.07	(9,921.86)	4,912.07
6078244037	MAYORS Inarajan Mayor	5,713.06	-	2,867.85	(5,713.06)	2,867.85
7247791682	MAYORS Agat Mayor	5,584.96	-	2,888.02	(5,584.96)	2,888.02
9351070242	MAYORS Ordot/Chalan Pago Mayor	2,911.12	-	1,120.50	(2,313.31)	1,718.31
Sub-total		86,785.02	-	40,424.95	(85,036.20)	42,173.77

DPW Accounts						
0832698062	DPW Accounts DPW-Signal Lights	8,978.17	-	8,949.40	(8,978.17)	8,949.40
0930959866	DPW Accounts DPW-Primary St. Lights	246,776.66	1,000.00	72,853.71	(71,792.15)	248,838.22
3045433600	DPW Accounts DPW-Village St. Lights	681,375.71	10,150.00	331,226.97	(324,971.95)	697,780.73
3088040552	DPW Accounts DPW-Sec/Coil St. Lights	45,673.08	-	20,077.67	(19,457.32)	46,293.43
Sub-total		982,803.62	11,150.00	433,107.75	(425,199.59)	1,001,861.78

Autonomous/Public Corp						
0838495949	Autonomous/Pu Guam Waterworks Authority	1,189,881.35	(593.29)	1,177,206.36	(1,190,127.01)	1,176,367.41
1540692986	Autonomous/Pu Retirement Fund	6,012.60	-	6,145.61	(6,012.60)	6,145.61
4075914809	Autonomous/Pu GPA	-	(77,165.39)	77,165.39	-	-
5357510090	Autonomous/Pu University of Guam (NET METERED)	70,359.40	(224.83)	73,827.63	(70,359.40)	73,602.80
6518220019	Autonomous/Pu Guam Community College	40,907.11	-	43,321.32	(40,907.11)	43,321.32
7736362694	Autonomous/Pu Guam Airport Authority	422,300.35	-	411,076.28	(422,300.35)	411,076.28
8302337726	Autonomous/Pu Guam Memorial Hospital	128,266.12	-	36,574.88	(63,321.60)	101,519.40
8426836906	Autonomous/Pu Guam Memorial Hospital (NET METERED)	559,348.99	-	154,504.56	(267,468.68)	446,384.87
9157510000	Autonomous/Pu Guam Community College (NET METERED)	32,909.84	-	36,144.88	(32,909.84)	36,144.88
0563872892	Autonomous/Pu Guam Housing Corp Rental Division	979.49	15.36	910.14	(994.85)	910.14
9173210000	Autonomous/Pu Guam Solid Waste Authority	11,608.97	-	6,405.50	(11,608.97)	6,405.50
5434075703	Autonomous/Pu University of Guam	157,248.26	(170.81)	161,838.17	(157,077.45)	161,838.17
1699407298	Autonomous/Pu G H U R A	36,501.34	(11,730.33)	24,815.93	(36,835.34)	12,751.60
4474308144	Autonomous/Pu Port Authority of Guam	66,549.52	-	66,488.85	(66,549.52)	66,488.85
Sub-total		2,722,873.34	(89,869.29)	2,276,425.50	(2,366,472.72)	2,542,956.83

AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
6,400.40	6,646.49	-	-	-	13,046.89
12,238.88	-	-	-	-	12,238.88
335.42	-	-	-	-	335.42
19,404.93	-	-	-	-	19,404.93
2,305.16	-	-	-	-	2,305.16
4,034.32	-	-	-	-	4,034.32
46,162.26	-	-	-	-	46,162.26
611.61	-	-	-	-	611.61
14,625.17	-	-	-	0.00	14,625.17
72,748.41	71,933.67	-	-	-	144,682.08
14.16	-	-	-	-	14.16
180.10	205.31	-	-	-	385.41
261.51	252.37	-	-	-	513.88
588.53	-	-	-	-	588.53
1,117.06	1,055.02	-	-	-	2,172.08
1,746.87	1,841.13	-	-	-	3,588.00
2,496.13	3,214.98	2,722.93	2,767.50	8,515.81	19,717.35
2,562.23	-	-	-	-	2,562.23
9,827.89	9,473.10	-	-	-	19,300.99
9,352.79	-	-	-	-	9,352.79
11,054.97	-	-	-	0.00	11,054.97
11,198.61	11,180.11	9,877.25	-	-	32,255.97
16,310.24	-	-	-	0.00	16,310.24
17,936.83	20,432.25	-	-	-	38,369.08
37,430.49	35,155.58	31,930.60	2,082.53	0.00	106,599.20
10,439.13	257.42	-	-	-	10,696.55
32,531.25	-	-	-	-	32,531.25
881,568.80	929,250.81	808,598.56	201.87	-	2,619,620.04
43,964.46	40,411.30	-	-	-	84,375.76
1,269,448.61	1,135,131.29	853,129.34	5,051.90	8,515.81	3,271,276.95

606.71	-	-	-	-	606.71
884.94	-	-	-	-	884.94
1,360.09	-	-	-	-	1,360.09
1,118.02	-	-	-	-	1,118.02
1,075.07	1,151.01	-	-	-	2,226.08
879.67	-	-	-	-	879.67
1,119.59	-	-	-	-	1,119.59
2,464.76	-	-	-	-	2,464.76
1,555.48	-	-	-	-	1,555.48
2,413.08	-	-	-	-	2,413.08
2,915.70	-	-	-	-	2,915.70
3,036.84	-	-	-	-	3,036.84
2,789.50	-	-	-	-	2,789.50
2,251.66	-	-	-	-	2,251.66
4,165.40	-	-	-	-	4,165.40
4,912.07	-	-	-	-	4,912.07
2,867.85	-	-	-	-	2,867.85
2,888.02	-	-	-	-	2,888.02
1,120.50	597.81	-	-	-	1,718.31
40,424.95	1,748.82	-	-	-	42,173.77

8,949.40	-	-	-	-	8,949.40
72,853.71	70,792.15	70,210.18	34,982.18	-	248,838.22
331,226.97	319,971.95	46,581.81	-	0.00	697,780.73
20,077.67	19,457.32	6,758.44	-	-	46,293.43
433,107.75	410,221.42	123,550.43	34,982.18	0.00	1,001,861.78

1,176,367.41	-	-	-	0.00	1,176,367.41
6,145.61	-	-	-	-	6,145.61
73,602.80	-	-	-	-	73,602.80
43,321.32	-	-	-	-	43,321.32
411,076.28	-	-	-	-	411,076.28
36,574.88	33,590.75	30,929.82	423.95	-	101,519.40
154,504.56	154,553.73	137,326.58	-	-	446,384.87
36,144.88	-	-	-	-	36,144.88
910.14	-	-	-	-	910.14
6,405.50	-	-	-	-	6,405.50
161,838.17	-	-	-	-	161,838.17
12,751.60	-	-	-	-	12,751.60
66,488.85	-	-	-	0.00	66,488.85
2,186,132.00	188,144.48	168,256.40	423.95	0.00	2,542,956.83

GPA Work Session - October 21, 2021 - GM REPORT UPDATES

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
Billing up to SEPT 30, 2021 and payments as of 10/12/2021

Current (09/30/2021 Billing due 10/30/2021)
31 days Arrears 08/31/2021 due 09/30/2021)
61 days and over Arrears (07/31/21 billing due 08/31/2021)

CC&B New Acct Numer		DEPARTMENT	CC&B BALANCE 08/31/2021	CANCEL/REBILL/ SPEC CHARGE 10/12/2021	BILLING 09/30/2021	PAYMENT UP TO 10/12/2021	CC&B BALANCE 10/12/2021
Line Agencies							
Others							
3209463043	OTHERS	Dept. of Military Affairs (NET METERED)	19,699.23	-	19,437.30	(19,699.23)	19,437.30
4530787043	OTHERS	U.S. Post Office	43,909.99	-	44,715.92	(43,909.99)	44,715.92
6000770566	OTHERS	KGTF	15,042.86	-	7,241.20	(14,087.64)	8,196.42
6602566745	OTHERS	Tamuning Post Office	5,533.81	-	5,597.82	(5,533.81)	5,597.82
7541928173	OTHERS	Guam Legislature	395.89	-	385.31	(395.89)	385.31
8108458168	OTHERS	Guam Post Office (Agana)	5,546.70	-	5,952.71	(5,546.70)	5,952.71
8353274954	OTHERS	Superior Court of Guam	52,698.57	-	50,089.34	(52,698.57)	50,089.34
8607446612	OTHERS	Dept. of Military Affairs	79,489.37	-	81,596.86	(79,489.37)	81,596.86
8972267005	OTHERS	Customs & Quarantine Agency	627.13	-	638.10	(627.13)	638.10
9503154359	OTHERS	Guam Legislature (NET METERED)	8,773.05	-	8,761.42	(8,773.05)	8,761.42
Sub-total			231,716.60	-	224,415.98	(230,761.38)	225,371.20
Grand Total			7,068,996.10	(78,227.77)	4,243,822.79	(4,150,950.59)	7,083,640.53

AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
19,437.30	-	-	-	-	19,437.30
44,715.92	-	-	-	-	44,715.92
7,241.20	955.22	-	-	-	8,196.42
5,597.82	-	-	-	-	5,597.82
385.31	-	-	-	-	385.31
5,952.71	-	-	-	-	5,952.71
50,089.34	-	-	-	-	50,089.34
81,596.86	-	-	-	-	81,596.86
638.10	-	-	-	-	638.10
8,761.42	-	-	-	-	8,761.42
224,415.98	955.22	-	-	-	225,371.20
4,153,529.29	1,736,201.23	1,144,936.17	40,458.03	8,515.81	7,083,640.53