



**CONSOLIDATED COMMISSION ON UTILITIES**

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

**GUAM POWER AUTHORITY WORK SESSION**

*CCU Conference Room*

*8:30 a.m., Thursday, August 18, 2022*

**\*AMENDED AGENDA**

1. **CALL TO ORDER**
2. **ISSUES FOR DECISION**
  - 2.1 **Use of Grant Funds for the Energy Efficiency Upgrade at UOG School of Business and Public Administration Building Project under Siemens Contract / Resolution FY2022-27**
  - 2.2 **Relative to Macheche CT Turbine / Resolution FY2022-28**
  - 2.3 **\* Relative to Bond Financing Savings Utilization / Resolution FY2022-29**
3. **GM REPORT UPDATES**
  - 3.1 **Administration**
  - 3.2 **Engineering & Technical Services (ETS)**
  - 3.3 **Financial**
  - 3.4 **Operations**
  - 3.5 **Other**
4. **OTHER DISCUSSION**
5. **ANNOUNCEMENT**
  - 5.1 **Next Meeting: CCU Mtg: Tuesday, August 23rd**
6. **ADJOURNMENT**



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

## Issues for Decision

### Resolution No. FY2022-27:

#### **AUTHORIZATION THE USE OF GRANT FOR THE ENERGY EFFICIENCY UPGRADES AT UOG SCHOOL OF BUSINESS AND PUBLIC BUILDING PROJECT UNDER SIEMENS CONTRACT**

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

To provide energy efficient measures, include LED lighting retrofit, HVAC control retrofit and Solar PV at the UOG School of Business and Public Administration to help in reducing UOG's recurring energy and operational costs and deploying additional renewable power generating assets.

**Where is the location?**

UOG School of Business and Public Administration (Jesus and Eugenia Leon Guerrero Building)

**How much will it cost?**

\$1,291,938

**When will it be completed?**

Scheduled to be completed by December 31, 2023

**What is its funding source?**

DOI EIC Grant



**CONSOLIDATED COMMISSION ON UTILITIES**

Guam Power Authority | Guam Waterworks Authority

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

**RESOLUTION NO. FY2022-27**

**RELATIVE TO AUTHORIZATION THE USE OF GRANT FOR THE ENERGY  
EFFICIENCY UPGRADES AT UOG SCHOOL OF BUSINESS AND PUBLIC  
BUILDING PROJECT UNDER SIEMENS CONTRACT**

**WHEREAS**, currently GPA has a contract with Siemens as its UESC partner and as well as large DSM; and

**WHEREAS**, GPA and Siemens have completed the Phase I Investment Grade Audit for University of Guam in which Siemens have recommended implementation of several energy efficiency projects that will improve UOG's infrastructure and operational efficiencies and UOG will realize over \$500,000 in projected savings; and

**WHEREAS**, UOG has approved implementation of recommended projects and has seek a loan to fund them. Additionally, GPA has applied for grants to help supplement the cost of the projects under the Best Schools Program; and

**WHEREAS**, GPA was awarded \$1,291,938 grant from DOI to fund one of the projects specifically the Energy Efficiency Upgrades at UOG School of (Jesus & Eugenia Leon Guerrero) Business and Public Building School; and

**WHEREAS**, the grant is a pass through payment to Siemens and exceeds the GPA General Manager's approval authority.

**NOW, THEREFORE, BE IT RESOLVED, by the CONSOLIDATED COMMISSION  
ON UTILITIES, the GOVERNING BODY of the GUAM POWER AUTHORITY as  
FOLLOWS:**

1. The CCU authorizes GPA to use the \$1,291,938 DOI grant to fund the Energy Efficiency Upgrades at UOG School of (Jesus & Eugenia Leon Guerrero) Business and Public Building project.

29

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

32           **DULY AND REGULARLY ADOPTED AND APPROVED THIS 23rd DAY OF**  
33 **AUGUST 2022.**

34

35 Certified by:

Attested by:

36

37

38

39 **JOSEPH T. DUENAS**

**MICHAEL T. LIMTIACO**

40 Chairperson

Secretary

41 Consolidated Commission on Utilities

Consolidated Commission on Utilities

42

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

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

49

50           Ayes: \_\_\_\_\_

51           Nays: \_\_\_\_\_

52           Absent: \_\_\_\_\_

53           Abstain: \_\_\_\_\_

54           Abstain: \_\_\_\_\_

55           Abstain: \_\_\_\_\_

56           Abstain: \_\_\_\_\_

**ATTACHMENT A:**  
**EIC (Award) Letter to GPA dated 09/27/2021**



## United States Department of the Interior

OFFICE OF THE SECRETARY  
Washington, DC 20240

September 27, 2021

Mr. John M. Benavente, PE  
General Manager  
Guam Power Authority  
Gloria B. Nelson Public Service Building  
688 Route 15  
Mangilao, Guam 96913

Dear Mr. Benavente:

I am pleased to award the Guam Power Authority \$1,446,464 in Fiscal Year 2021 grant funding through the Office of Insular Affairs' Energizing Insular Communities (EIC) program. This funding will be used for high-priority energy projects, as detailed in your EIC grant applications submitted this year. The following grants are awarded:

- \$1,291,938 for energy upgrades at the University of Guam, including LED lighting upgrades, energy-efficient HVAC controls, and solar PV generation, and
- \$154,526 towards LED lighting upgrades at Tamuning Elementary School.

At this time, OIA has exhausted all available resources for the EIC program for FY 2021 and is unable to fund any more projects. Please feel free to contact me directly if you have any questions or concerns. You may also have your staff contact Krystina Alfano by e-mail at [Krystina\\_Alfano@ios.doi.gov](mailto:Krystina_Alfano@ios.doi.gov) or by phone at 202-219-8536 should there be any issues regarding these grants.

Sincerely,

Nikolao Pula  
Director  
Office of Insular Affairs



## GUAM POWER AUTHORITY

ATURIDÄT ILEKTRESEDÄT GUAHAN  
P.O.BOX 2977 • AGANA, GUAM U.S.A. 96932-2977

### Issues for Decision

#### Resolution No. FY2022-28

**Relative to Authorizing Management of the Guam Power Authority to implement and complete the turbine exchange for the Macheche Combustion Turbine Power Plant**

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

The project's objective is to replace the existing Macheche CT turbine, which has exceeded its safe running hours with a refurbished, low-hours GE certified unit. The project is urgent because the reliability of the Macheche CT is critical to support the demands of the island wide power system.

#### **Where is it at?**

Harmon Loop

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

The replacement of the engine is \$3,953,417.60.

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

The engine will be delivered within 100 days with site installation scheduled for 3 weeks.

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

Revenue Funds

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

All services will be provided through TEMES, Inc.

Three bids were received from

Bidder	Total Cost	Exceptions
Field Source-Energy Services	\$5,408,747.49	Not providing liquid fuel/water injection nozzles and manifolds or primary and secondary flow tubes
Trans Canada	\$6,063,055.76	No performance or emission testing provided, no borescope inspection
GTI – Gas Turbine Investments	\$3,953,417.60	No exceptions noted



**CONSOLIDATED COMMISSION ON UTILITIES**

Guam Power Authority | Guam Waterworks Authority

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

**RESOLUTION NO. FY2022-28**

**AUTHORIZING MANAGEMENT OF THE GUAM POWER AUTHORITY TO IMPLEMENT AND COMPLETE THE TURBINE EXCHANGE FOR THE MACHECHE COMBUSTION TURBINE POWER PLANT**

**WHEREAS**, the Macheche Combustion Turbine (CT) power plant was commissioned in 1993 and has been in operation for approximately 29 years; and

**WHEREAS**, the Macheche CT is used to support peak loads and base load unit outages as well as to respond to the intermittency of solar generation when necessary; and

**WHEREAS**, the power plant is rated at 22 MW and consists of one GE LM2500 combustion turbine generator with 26,757 operating hours which is beyond the recommended service life of 25,000 hours; and

**WHEREAS**, the Macheche unit is available but limited in operation to only emergency use; and

**WHEREAS**, TEMES, the Performance Management Contractor (PMC) for the CT has recommended the replacement of the turbine package with a fully refurbished gas turbine to prevent catastrophic failure caused by extending operations over the maximum run time; and

**WHEREAS**, TEMES issued a request for bids for this project and 3 bids were submitted for consideration from Field Source-Energy Services, TransCanada Turbine, and Gas Turbine Investments; and

**WHEREAS**, a GPA/TEMES evaluation committee determined Gas Turbine Investments to be the lowest responsive bidder at a cost of \$3,953,417.60; and

**WHEREAS**, GPA and the PMC intend to minimize the downtime of the unit, complete the necessary work, and return the unit to service as soon as possible to support the IWPS; and

**WHEREAS**, GPA has identified revenue funds to support this project; and

**WHEREAS**, approval is requested to allow the General Manager to petition the PUC to approve the Gas Turbine Exchange project for the Macheche CT.



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

1. The General Manager is authorized an increase in obligating authority in the amount of \$3,953,417.60 to implement and complete the Gas Turbine Exchange project for the Macheche CT through the CT PMC contract with TEMES, Inc.
2. The General Manager is authorized to utilize capital improvement project funds for the Macheche CT Turbine Exchange project.

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

**DULY AND REGULARLY ADOPTED THIS 23<sup>rd</sup> DAY OF AUGUST 2022.**

**Certified by:**

**Attested by:**

---

**JOSEPH T. DUENAS**  
**Chairman**  
**Consolidated Commission on Utilities**

---

**MICHAEL T. LIMTIACO**  
**Secretary**  
**Consolidated Commission on Utilities**

**SECRETARY'S CERTIFICATE**

I, MICHAEL T. LIMTIACO, Secretary for the Consolidated Commission on Utilities do hereby certify that the foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting of the members of Guam's Consolidated Commission on Utilities, duly and legally held at the meeting place thereof on August, 2022, at which meeting of all said members had due notice and at which at least a majority thereof were present, and

At said meeting said resolution was adopted by the following vote:

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

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

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

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



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

## **Issues for Decision**

**Resolution No. FY2022-29**

### **RELATIVE TO BOND FINANCING SAVINGS UTILIZATION**

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

Guam Power Authority's (GPA) Bond Refunding Program will result in a cumulative debt service reduction of \$10,056,536 from year 2024 to 2034 and a cumulative debt service reduction of \$4,297,438 from year 2031 to 2034. As per Guam PL 36-80, Section 2(h), GPA must notify I Liheslaturan within ninety (90) days of refinancing of its intent and plan regarding the savings achieved from refinancing.

GPA desires to reserve these savings for the benefit of the community by making a strategic investment in Ukudu Power Project. GPA proposes to use the Bond Refunding Program savings towards the capital lease and Operating and Maintenance Expense of Ukudu Power Project.



**CONSOLIDATED COMMISSION ON UTILITIES**

Guam Power Authority | Guam Waterworks Authority

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

**Resolution No. FY2022-29**

**RELATIVE TO BOND FINANCING SAVINGS UTILIZATION**

**WHEREAS**, Guam Power Authority's (GPA) Bond Refunding Program will result in a cumulative debt service reduction of \$10,056,536 from year 2024 to 2034 and a cumulative debt service reduction of \$4,297,438 from year 2031 to 2034; and

**WHEREAS**, as per Guam PL 36-80, Section 2(h), GPA must notify I Liheslaturan within ninety (90) days of refinancing of its intent and plan regarding the savings achieved from refinancing; and

**WHEREAS**, GPA desires to reserve these savings for the benefit of the community by making a strategic investment in Ukudu Power Project; and

**WHEREAS**, GPA proposes to use the Bond Refunding Program savings towards the capital lease and Operating and Maintenance Expense of Ukudu Power Project; and

**NOW, THEREFORE, BE IT RESOLVED, by the CONSOLIDATED COMMISSION ON UTILITIES, the GOVERNING BODY of the GUAM POWER AUTHORITY as FOLLOWS:**

1. The CCU authorizes GPA to petition the PUC for approval of using the savings toward the investment of Ukudu Power Project.
2. The CCU authorizes GPA to notify I Liheslaturan in compliance with Public Law 36-80, section 2(h) the decision on this matter.

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

**DULY AND REGULARLY ADOPTED AND APPROVED THIS 23<sup>RD</sup> DAY OF AUGUST 2022.**

Certified by:

Attested by:

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

Chairperson

Consolidated Commission on Utilities

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

Secretary

Consolidated Commission on Utilities

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

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

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

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

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

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



# Bond Refunding

## PL 36-80

- Section 2(h) – GPA *shall* notify *Liheslatura* within ninety (90) days of refunding of its intent and plan regarding the savings achieved from refinancing.

### Summary of Savings:

Final Refunding Par Amount:	\$ 257,570,000
Final Refunded Par Amount:	\$ 285,795,000
Avg. Annual Cashflow Savings (2024-2030):	\$ 10,056,536
Avg. Annual Cashflow Savings (2031-2034):	\$ 4,297,438
NPV Savings:	\$ 5,772,263
NPV Savings as % of Refunded Par:	2.02%
All-In True Interest Cost:	4.29%

## Bond Refunding (Continued)

- Cashflow savings from 2024 to 2034 to be used to offset annual debt service cost of new 198 MW Ukudu power plant.

# GM REPORT

## AUGUST 2022





# Generation Status

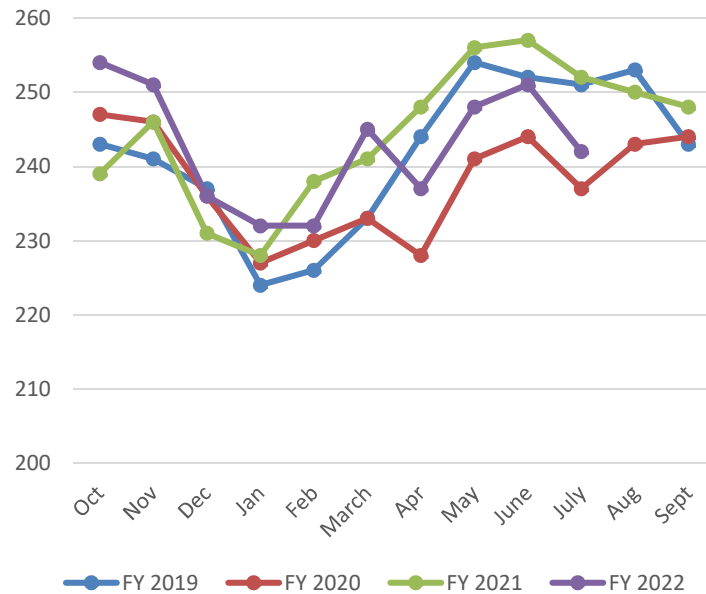
2

## 1. Reserve Margin Forecast for September 2022:

Projected Available Capacity: 324 MW  
 Projected Demand: 248 MW  
 Anticipated Reserve Margin: 76 MW  
 Piti 9 ULSD Conversion completion by mid-September

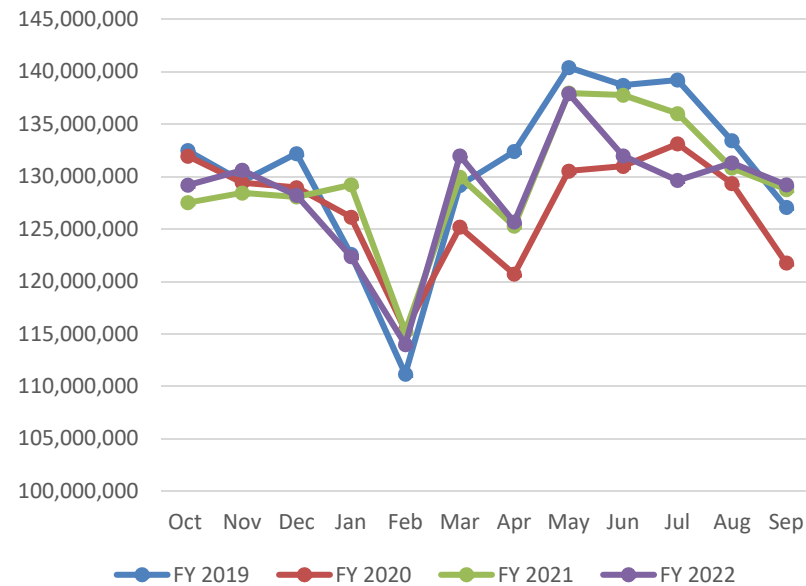
## 2. System Peak Demand:

**PEAK MW DEMAND**  
Ending July 2022



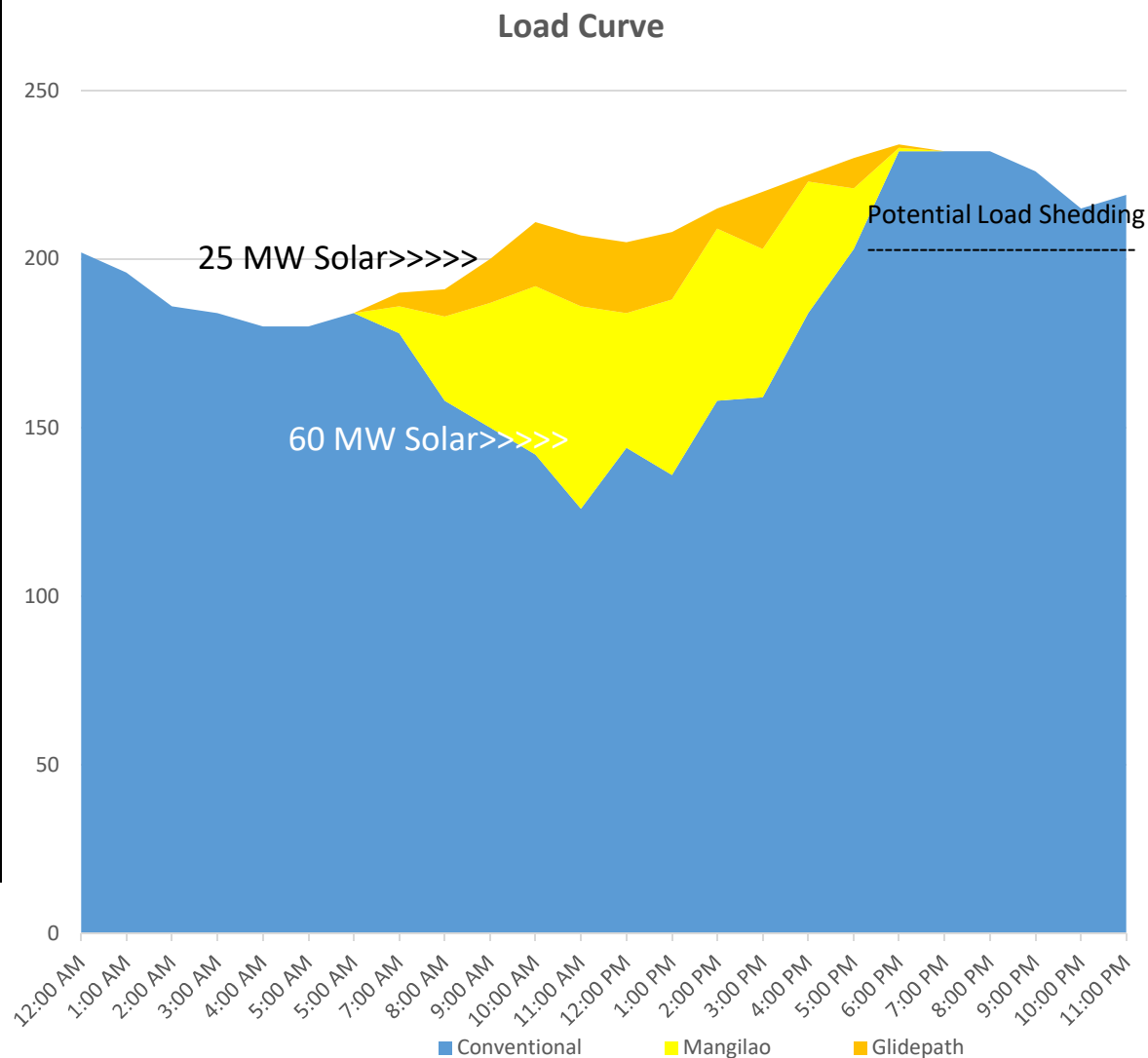
**kWh Sales**

Actuals thru July 2022; Projections thru Sept 2022



# 3. Supply Shortage August 12 thru 17th

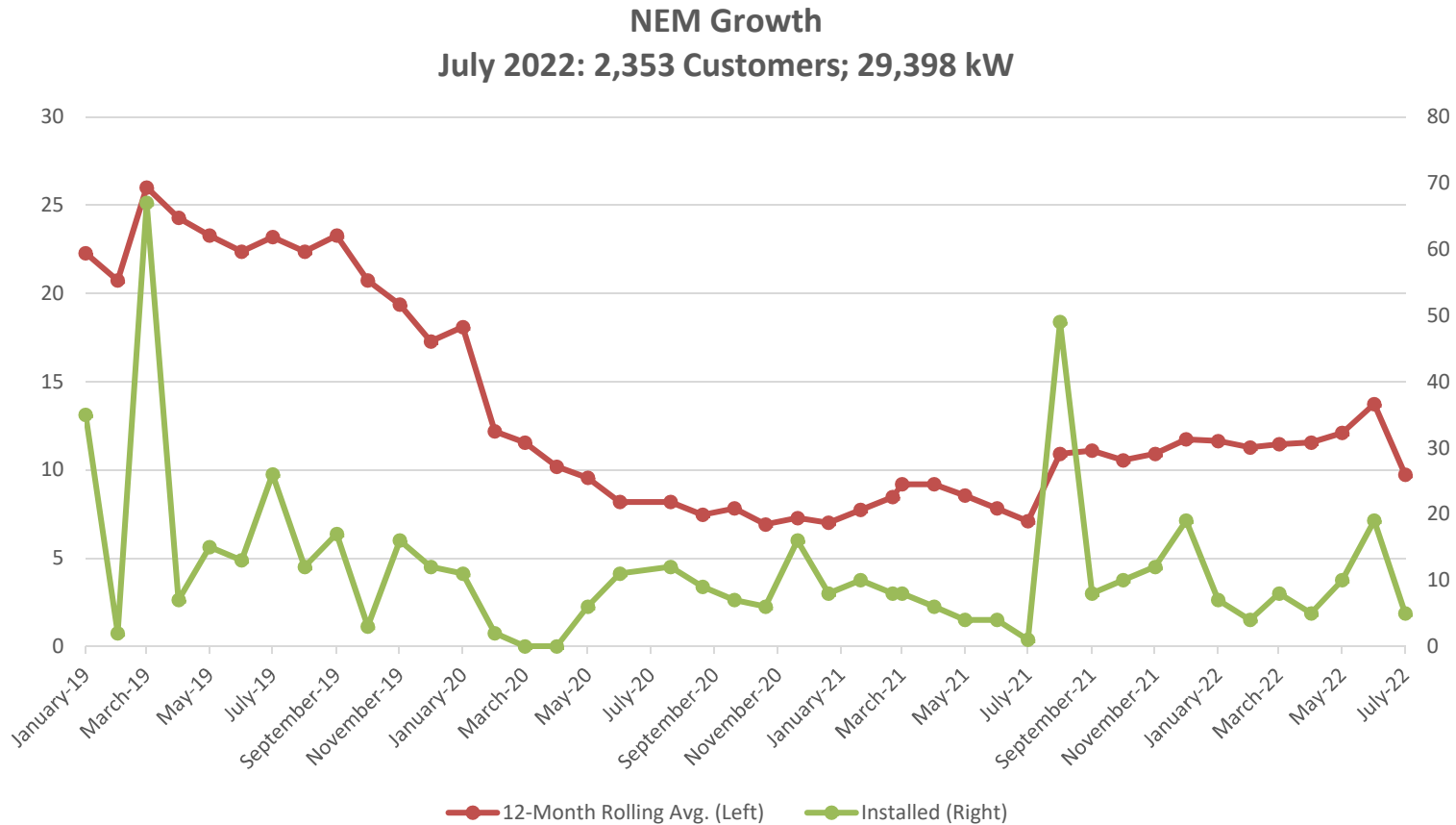
Time	Conventional	Mangilao	Glidepath	1-baseload Down	2-baseload Down	3-baseload Down
0:00	202			280	235	192
1:00	196			280	235	192
2:00	186			280	235	192
3:00	184			280	235	192
4:00	180			280	235	192
5:00	180			280	235	192
5:00	184			280	235	192
7:00	178	8	4	280	235	192
8:00	158	25	8	280	235	192
9:00	150	37	13	280	235	192
10:00	142	50	19	280	235	192
11:00	126	60	21	280	235	192
12:00	144	40	21	280	235	192
13:00	136	52	20	280	235	192
14:00	158	51	6	280	235	192
15:00	159	44	17	280	235	192
16:00	184	39	2	280	235	192
17:00	203	18	9	280	235	192
18:00	232	1	1	280	235	192
19:00	232			280	235	192
20:00	232			280	235	192
21:00	226			280	235	192
22:00	215			280	235	192
23:00	219			280	235	192



# Net Metering

4

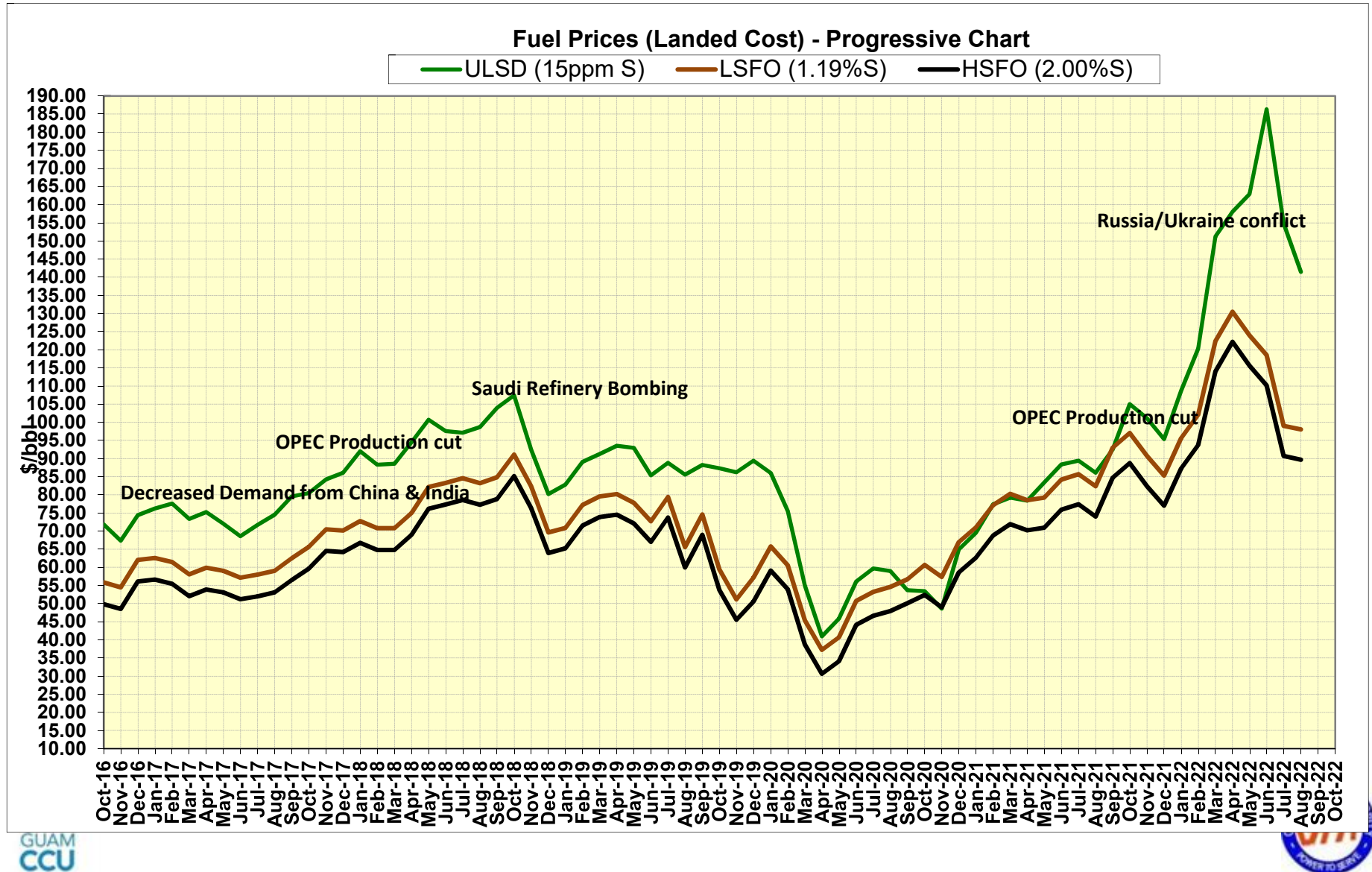
## 4. Net Metering (NEM) Growth Thru JULY 2022:



# GPA Fuel Landed Cost (Per Barrel) Thru August 10, 2022

5

## 5. LSRFO \$97.87; ULSD \$141.42



# General Manager's Report (cont'd)

6

## 6. PUC Update:

### Thursday, August 25, 2022 Agenda Items:

- GPA Docket 22-16, Petition for Extension of the Term of the Lease Agreements for Pipeline and RFO Storage with Tristar Terminals
- GPA Docket 22-17, Petition Extension of Dock Facility Agreement with Tristar Terminals
- GPA Docket 22-18, Petition to Extend the Contract for the Management, Operation, and Maintenance of GPA's Fuel Storage Facility with ISLA Petroleum & Energy

## 7. Legislative Update:

- **Bill 325-36** was introduced by Senator San Agustin to provide \$500 funding for residential and commercial ratepayers to be credited to accounts at rate of \$100 each month for a total of 5 months was passed into law as PL-36-101. The **July and August** credits were applied to all applicable accounts on August 8. The credits will show up in their billing statements as bills are issued thru August.
- The next \$100 credit will be applied in the September billing.

## 8. Energy Sense Rebate Program (ESRP) Application Now Online

- Effective August 17th, residential and commercial customers are able to submit applications and track the status of their applications online.
- GPA's Energy Sense Rebate Program (ESRP), allows residential and commercial customers to avail of rebates from the purchase of energy efficient appliances.
- Going online not only provides faster information but also reduces the use of paper, ink and courier services. These benefits help save valuable time, expenses, and resources.
- As the online ESRP is new, currently only GPA customers under the **rate schedules R, J, and G** can apply online. Our existing paper application process is still available to our Large Commercial, Government, and Prepaid customers with hopes of including them in future updates.
- GPA has created a step-by-step Online Application Guide and FAQs to aid customers in the online process.



# General Manager's Report (cont'd)

7

## 9. New Power Plant Update: GPA Activities

### Completed:

- ECA Amendment: Signed on March 17, 2021.
- Resolution on Section 106 process between Navy/SHPO/GPA (cultural process)
- Archaeological Inventory Survey of Ukudu Site
- Cultural Survey for boring scope fuel/water/power project areas (outside of plant)
- Baseline noise study for Piti 41 MW diesel generator plant site.
- Water Supply and Discharge Agreement signed.
- Approval of research design for boring of proposed site in Piti for diesel generator relocation
- Approval of Archaeological Monitoring & Discovery Plan for pipeline construction
- Public Law 36-91 was signed on 4/11/22 for exemption of construction of Reserve Facility in Piti.
- GHPO Concurrence of Section 106 of the bull cart trails
- Land Lease Agreement was signed by Governor, Lt. Governor and Attorney General on July 6, 2022
- GEPA approves and issues Ukudu Air Permit on 7/20/22 during construction ground breaking ceremony.

### Ongoing / Pending:

- Archaeological & Cultural Requirements:
  - ✓ Section 106 process for cultural survey on Navy properties (Harmon Substation) submitted to SHPO by Navy on July 18. Navy to complete NEPA documents once SHPO provides review response to allow for construction activities on the bull cart trails along pipeline route and in the Harmon Substation.
  - ✓ Archaeological monitoring for pipeline construction work (Chaot & Nimitz areas).
- Water & Wastewater Requirements:
  - ✓ Change of Law issues due to update GWA NPDES permit affecting discharge of wastewater from cooling system. Followup with GWA on the NPDES permit modification.



### Critical Path & Risk Items

#### Cultural Survey

(SHPO Approvals Required)

- 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)

#### 41 MW Reserve Facility

- Agreement on way forward because of increased contracting cost.



# General Manager's Report (cont'd)

8

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

- Construction Permit & Drawing Reviews:
  - ✓ Several construction permits received: temporary power (office/construction), new pipeline construction, new plant construction (phases 1-5 of 6 permits submitted).
  - ✓ Phase 5-6 pending GPA approval
  - ✓ Interconnection drawings reviewed with comments, permit for construction approved.
  - ✓ Drawings and material specifications are being reviewed
- Air Permit Support:
  - ✓ Assisting with information to support the Reserve Facility permit. GPA to modify Piti 8&9 permit to reduce operating hours allowing planned operational support for the new Piti plant.
  - ✓ Discussing netting analysis and requirements for Piti 8&9 operating hours
- Other:
  - ✓ Geotechnical boring tests at the Piti site completed and waiting lab results/final report.
  - ✓ Project Schedule review is ongoing.
  - ✓ Coordination with Navy on excavation activities for pipeline construction
  - ✓ Discussion and finalizing reserve facility scope and costs.
  - ✓ Attending transportation logistic meetings for heavy transport to Ukudu from Port.



# General Manager's Report (cont'd)

9

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

### Completed:

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

### Ongoing / Pending:

- Design / Permitting
  - ✓ Construction
    - Power Plant - 6 phases of design under review for permitting. Phase 2-6 pending approvals
    - Pipeline - design and material specifications under review.
    - Transmission Line - design and material specifications under review.
  - ✓ Air Permits
    - Ukudu Power Plant - Under USEPA review for minor source permit. Draft conditions forwarded to KEPCO/GUP and under review for comment/clarification.
    - Piti Reserve Facility - Under USEPA review for minor source permit.
- Financial Close - pending air permit.
- Procurement - initiating other equipment procurement
- Existing Pipeline Cleaning & Demolition - Pending Route 16 (Airport) to Route 34 evaluation of abandonment plan.





# General Manager's Report (cont'd)

10

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

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

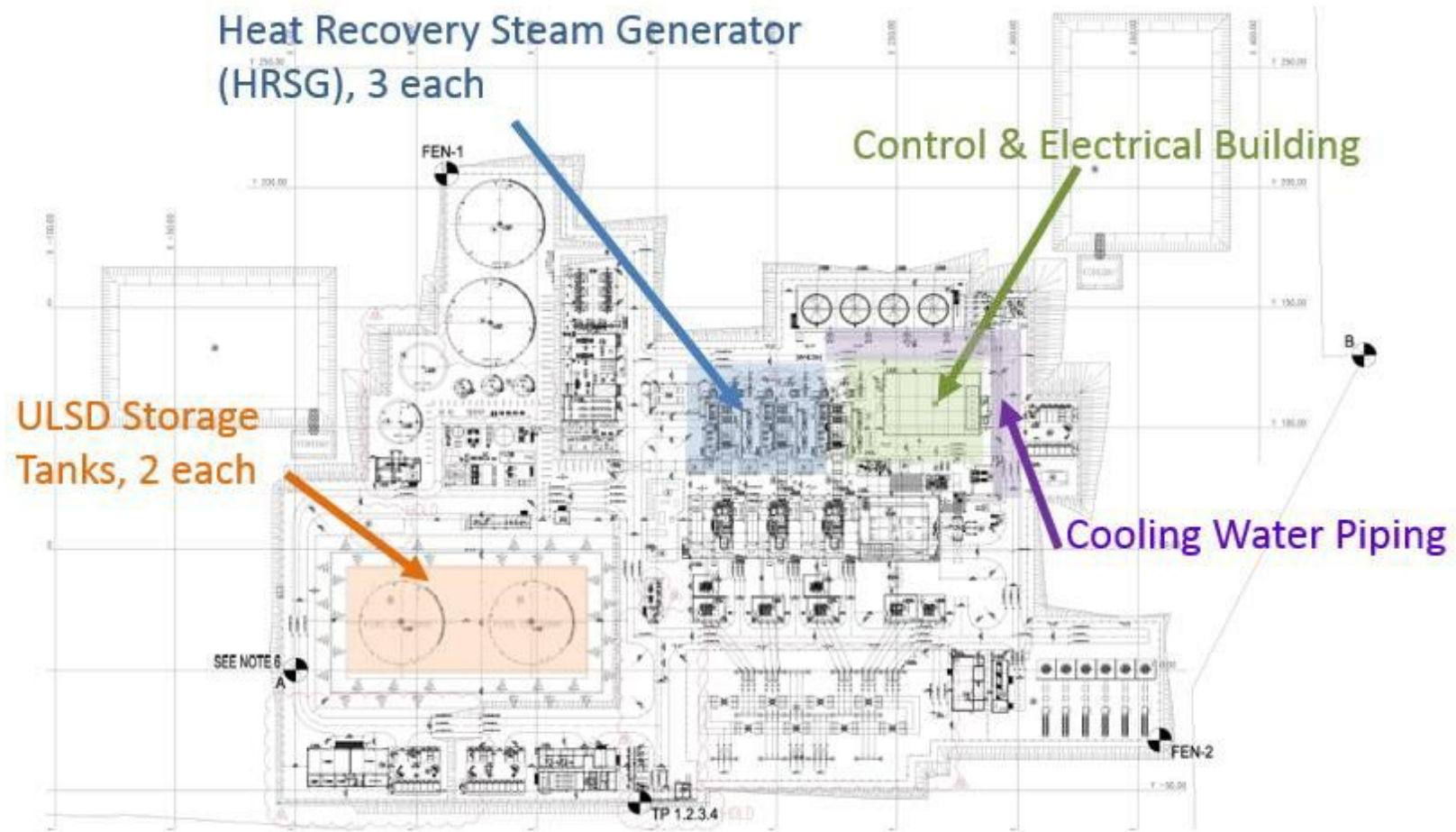
- Schedule Update - Discussions concluded major long lead items have been ordered reducing schedule from delays on financial close.
  - HRSG modules are read to ship end of August.
- Transportation Logistics - EPC continues to work with DPW on transport plan from Port to Ukudu site.
  - Bridge analysis dictating required transport equipment.
  - Transportation will take several hours over several days to move HRSG modules.
  - Weekly meetings being held to discuss plans and requirements.



# Ukudu Power Plant Construction Status

11

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



# Ukudu Power Plant Construction Status

12

Heat Recovery System Generator (HRSG) Foundation work.

**HRSG (#1 of 3) Rebar work**



**HRSG (#2 of 3) Rebar work**



**HRSG (#3 of 3) Foundation Pouring**





# Ukudu Power Plant Construction Status

13

## Fuel Storage Tank and Cooling Water Piping

**ULSD Storage Tank (1 of 2) – Rebar work for foundation**



**Cooling Water Piping – Installed pipe east of CEB and near cooling tower location**



# Fuel Pipeline Construction Status

14





# Fuel Pipeline Construction Status

15

## 1. Chaot area (100 M)

*Pipe welding and testing completed.  
Fiber optic cables installed and  
tested. Final backfill ongoing*



## 2. Barrigada - Airport / Across DMV

*Initial piping laid and testing ongoing*



## 3. Barrigada – Near Post Office

*Excavating toward Airport*



# Fuel Pipeline Construction Status

16

## 4. Nimitz

Initial 100m excavation completed. Cathodic protection ribbon being installed. Excavation continues towards Sinajana.



# 10. RISK MANAGEMENT & FINANCIAL HEDGING



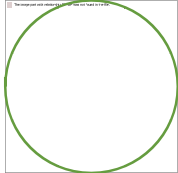


# GPA Road Map – Integrated Resource Plan

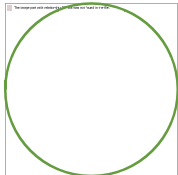
18



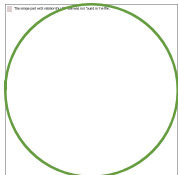
Renewables with Energy Storage System (ESS)



Utility-Scale Energy Storage Battery



198MW Combined Cycle – New Efficient Baseload Units



Clean Fuel – Ultra Low-Sulfur Fuel (ULSD), Explore Liquified Natural Gas (LNG)



Compliance – Consent Decree, USEPA Air Quality Standards



Lower bills – Using the renewables and new combined cycle plant to provide efficient and clean energy while resulting in overall lower rate

# Risk Management

## GPA is active in physical hedging

### Physical Hedge

- ☐ Inventory Management
  - 30 to 90 days of storage
  - Acquire more when price is low
  - Reduce days of storage when price is high
- ☐ Fuel suppliers
  - Price is 11 days average of MOPS
- ☐ Renewables
  - 85MW of solar as long term hedge with 1% escalator
  - 40MW ESS
  - Wind
- ☐ Fuel Diversity
  - ULSD or LNG can be used in the new combined cycle plant
- ☐ Demand Side Management
  - Rebates are available for energy efficient appliances which helps consumers reduce energy load and consumption

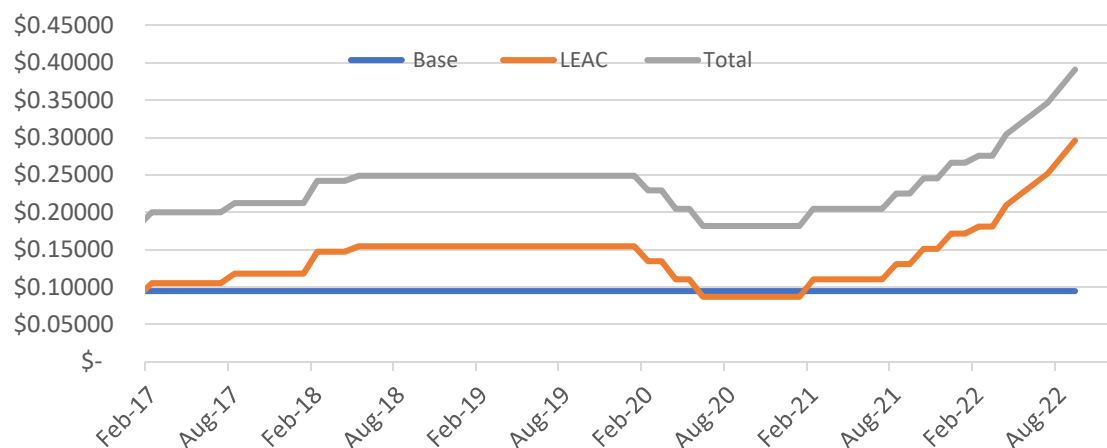


# Risk Management (continued)

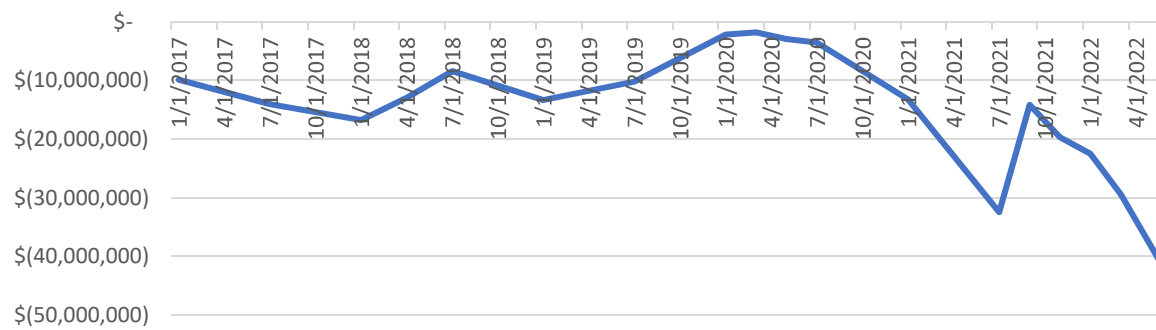
20

## Working Capital Fund is used for rate stabilization

Working Capital Fund is being used to defer rate increases when the cost exceeds the existing rate revenue



### Under Recovery



# Change in Power Generation Required by Consent Decree

21



## Piti 8

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

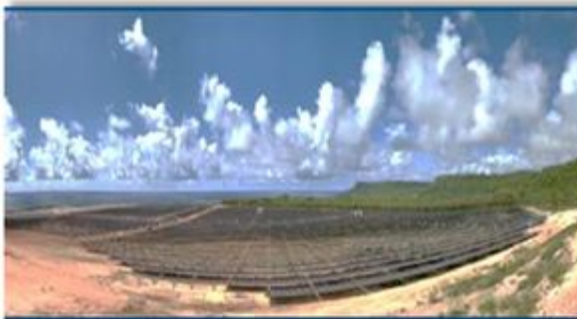
## Piti 9

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



## Cabras 1 & 2

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



## KEPCO 60 MW solar

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

# Financial Hedging

GPA is working with The Energy Authority (TEA) to outsource financial hedging

TEA is a public power-owned, nonprofit corporation with offices in Jacksonville, Florida and Bellevue (Seattle), Washington. They are a national portfolio management company that evaluate challenges, manage risks and execute solutions.

TEA currently works with over 50 public power clients and represent over 30,000 MW of peak demand and 24,000 MW of installed generation capacity across the U.S.

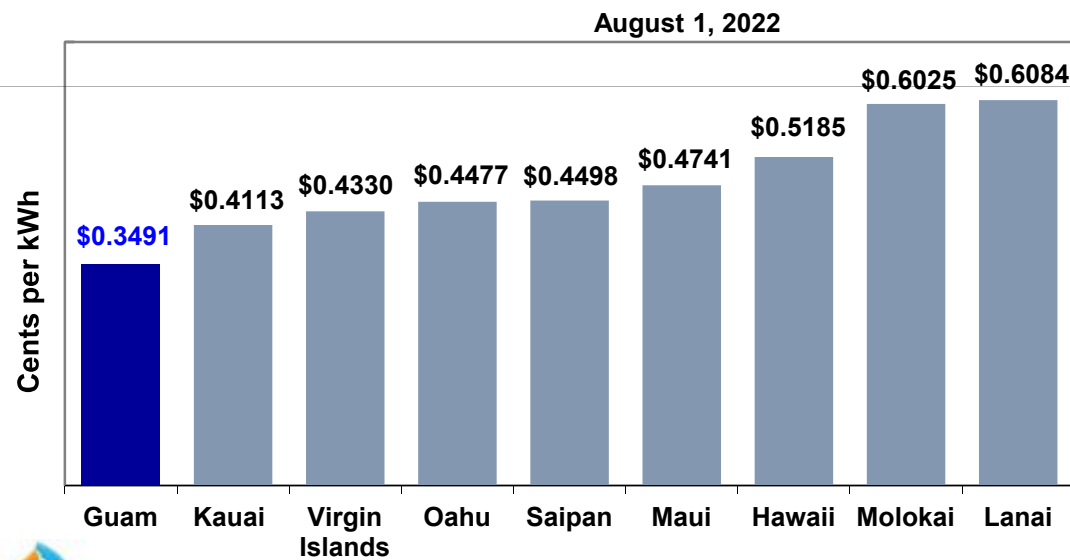
Services provided are:

- Portfolio risk management
- Hedging recommendations and technical analysis
- Risk Reporting and Cash Flow at Risk ("CFaR") modeling
- Daily/Term Trading
- Settlement and invoicing
- Regulatory monitoring and compliance reporting



# Regional Rate Comparison

Rate increased for all islands  
however Guam remained the  
lowest



**Notes:**

1. Rates for Guam effective July 1, 2022
2. Rates for Saipan effective August 1, 2022
3. Rates for Virgin Islands effective as of March 1, 2022
4. Rates for Kauai effective August 1, 2022
5. Rates for Oahu, Hawaii, Maui, Molokai, Lanai effective August 1, 2022



# 11. Generation KPIs Update July 2022



# Historical Monthly Peak Demand July 2015 - July 2022

## COVID 19 Pandemic

PCOR1 - Mar 15, 2020

PCOR2 - May 10, 2020

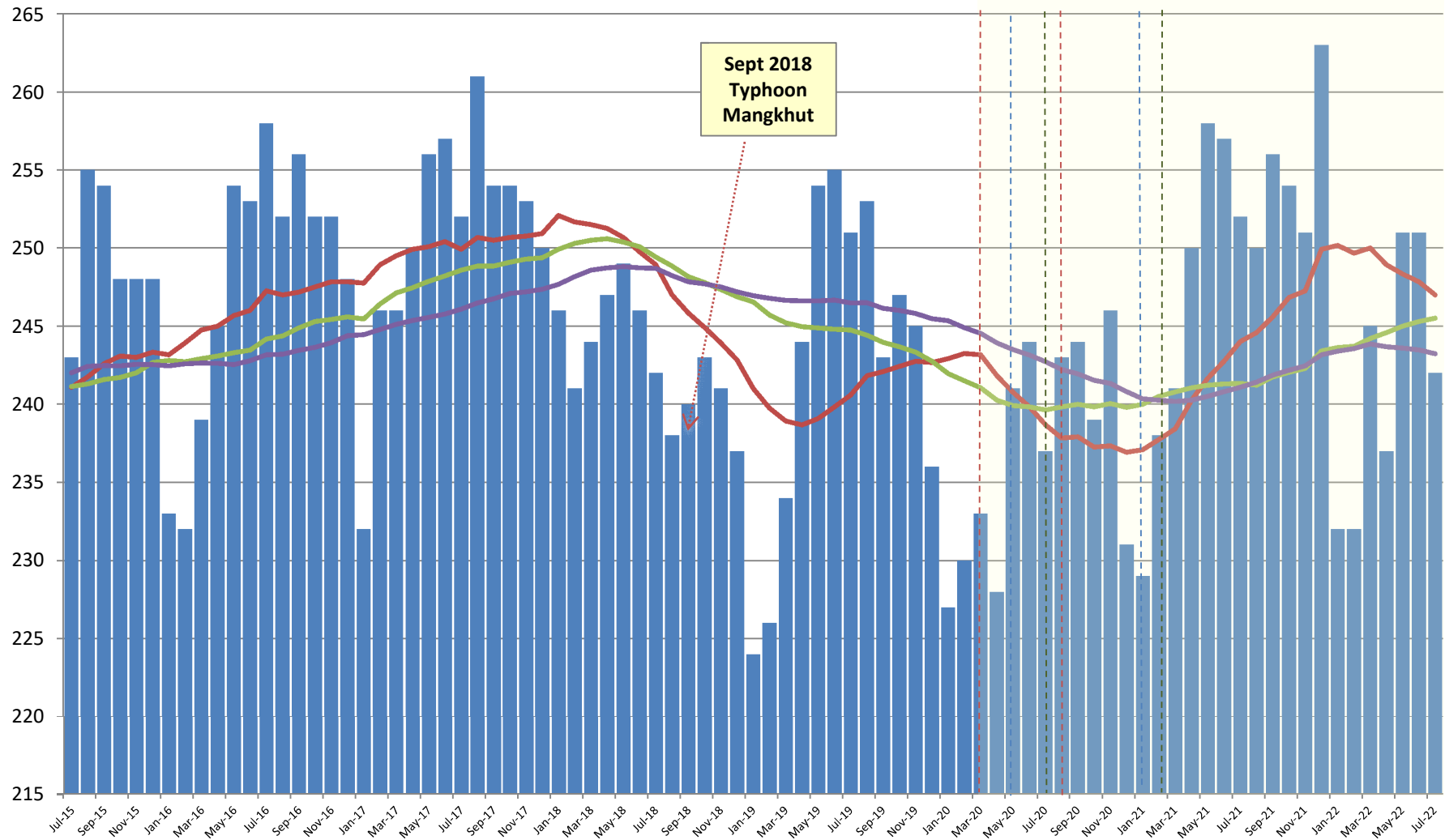
PCOR3 - Jul 20, 2020

PCOR1 - Aug 16, 2020

PCOR 2 - Jan 18, 2021

PCOR3 - Feb 22, 2021

- Peak Demand
- 12-month Rolling Average
- 2-year Rolling Average
- 3-year Rolling Average





## Historical KWH Sales July 2018 - July 2022

### COVID 19 Pandemic

PCOR1 - Mar 15, 2020

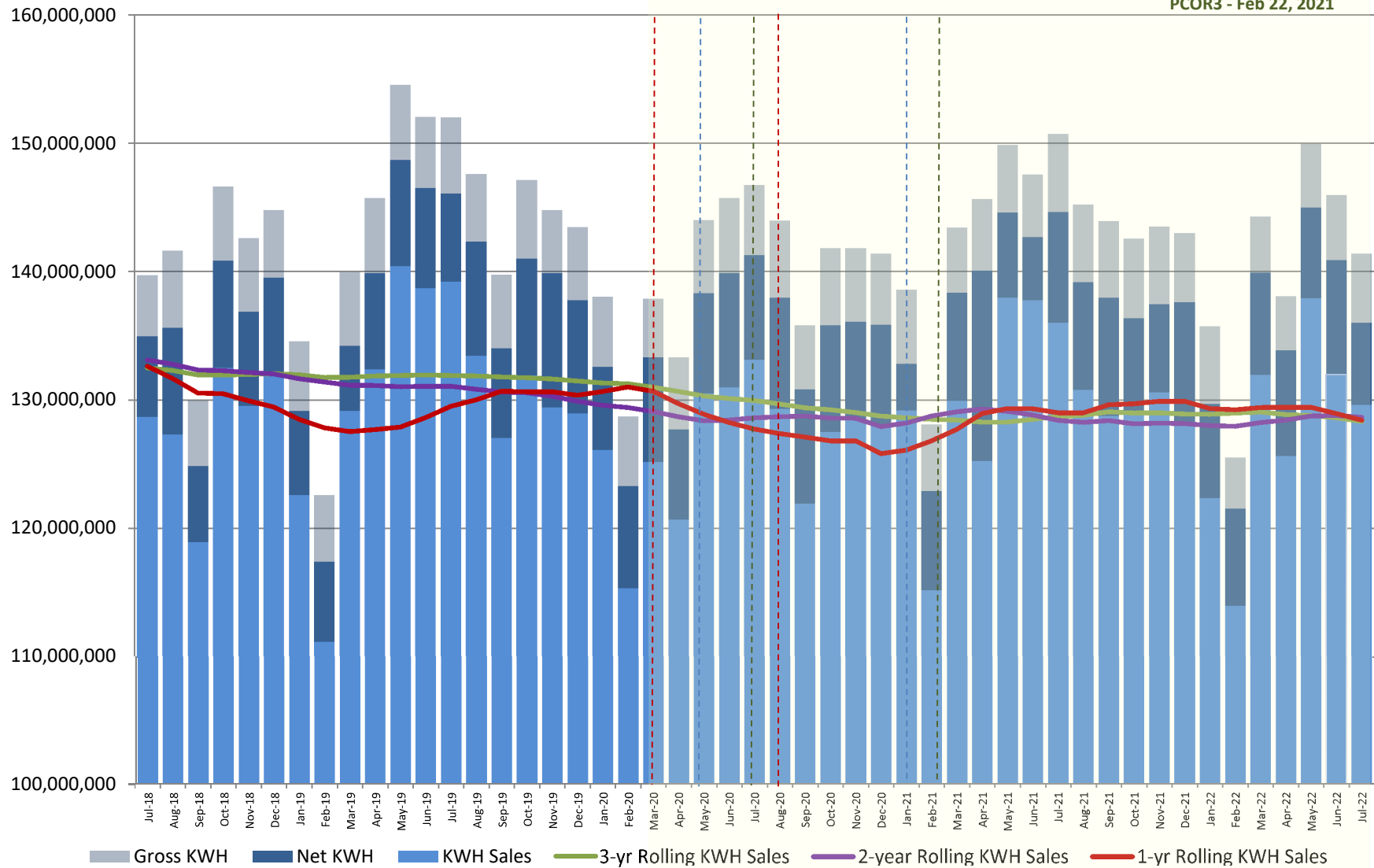
PCOR2 - May 10, 2020

PCOR3 - Jul 20, 2020

PCOR1 - Aug 16, 2020

PCOR2 - Jan 18, 2021

PCOR3 - Feb 22, 2021



## Gross and Net Generation (KWH) July 2018 - July 2022

### COVID 19 Pandemic

PCOR1 - Mar 15, 2020

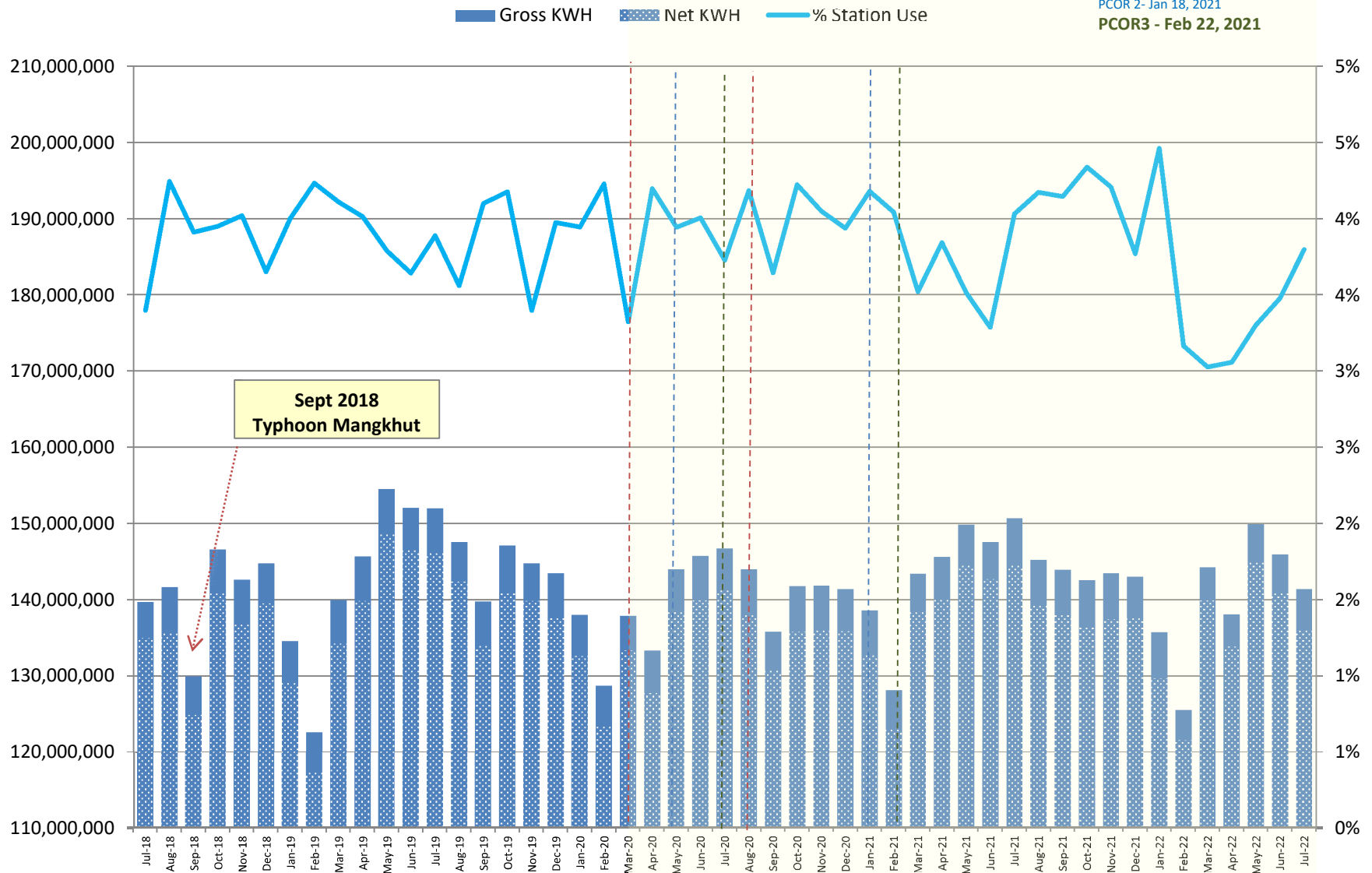
PCOR2 - May 10, 2020

PCOR3 - Jul 20, 2020

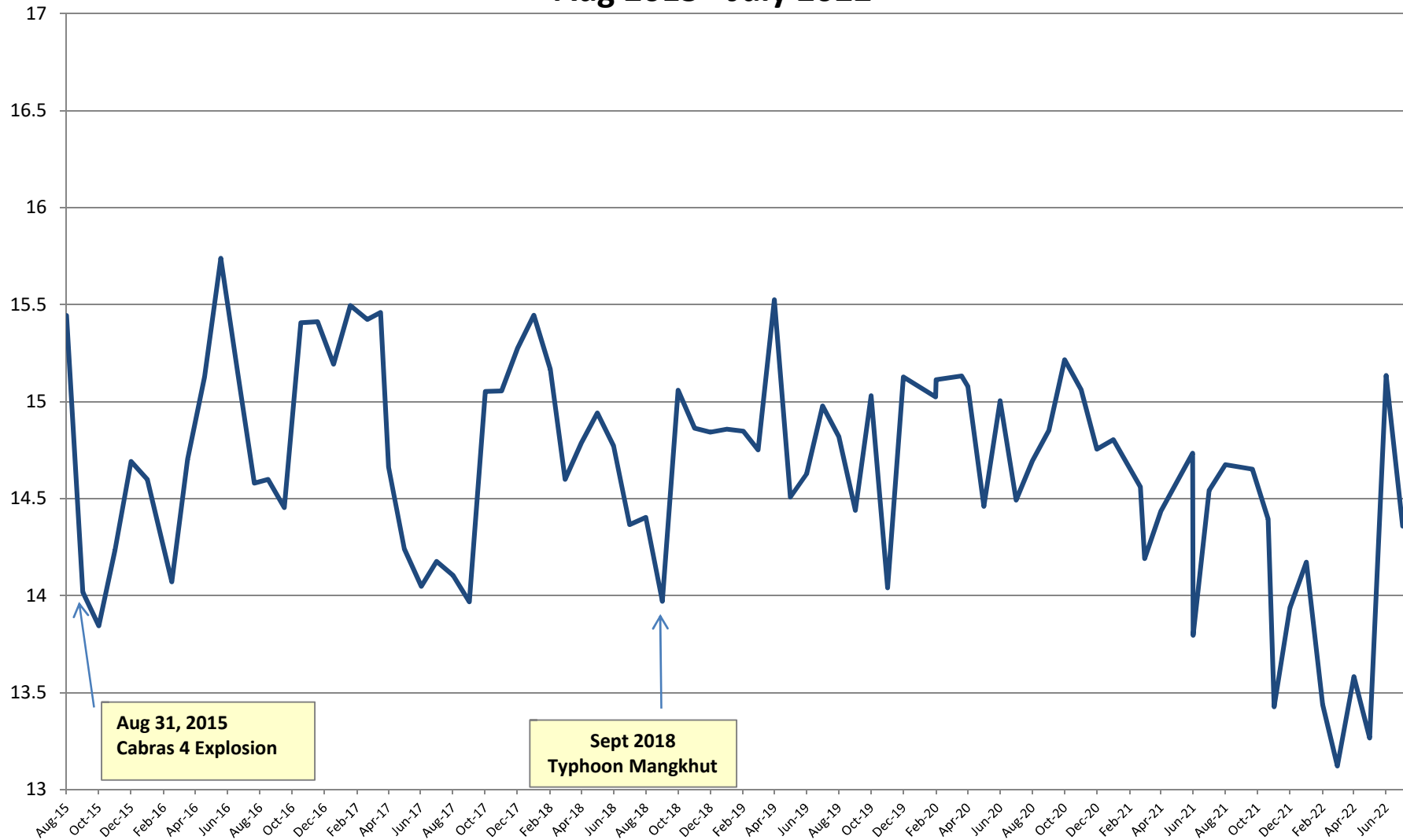
PCOR1 - Aug 16, 2020

PCOR 2- Jan 18, 2021

PCOR3 - Feb 22, 2021



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



## Fuel Cargo and Fuel Consumption Costs (\$/bbl) July 2018 - July 2022

### COVID 19 Pandemic

PCOR1 - Mar 15, 2020

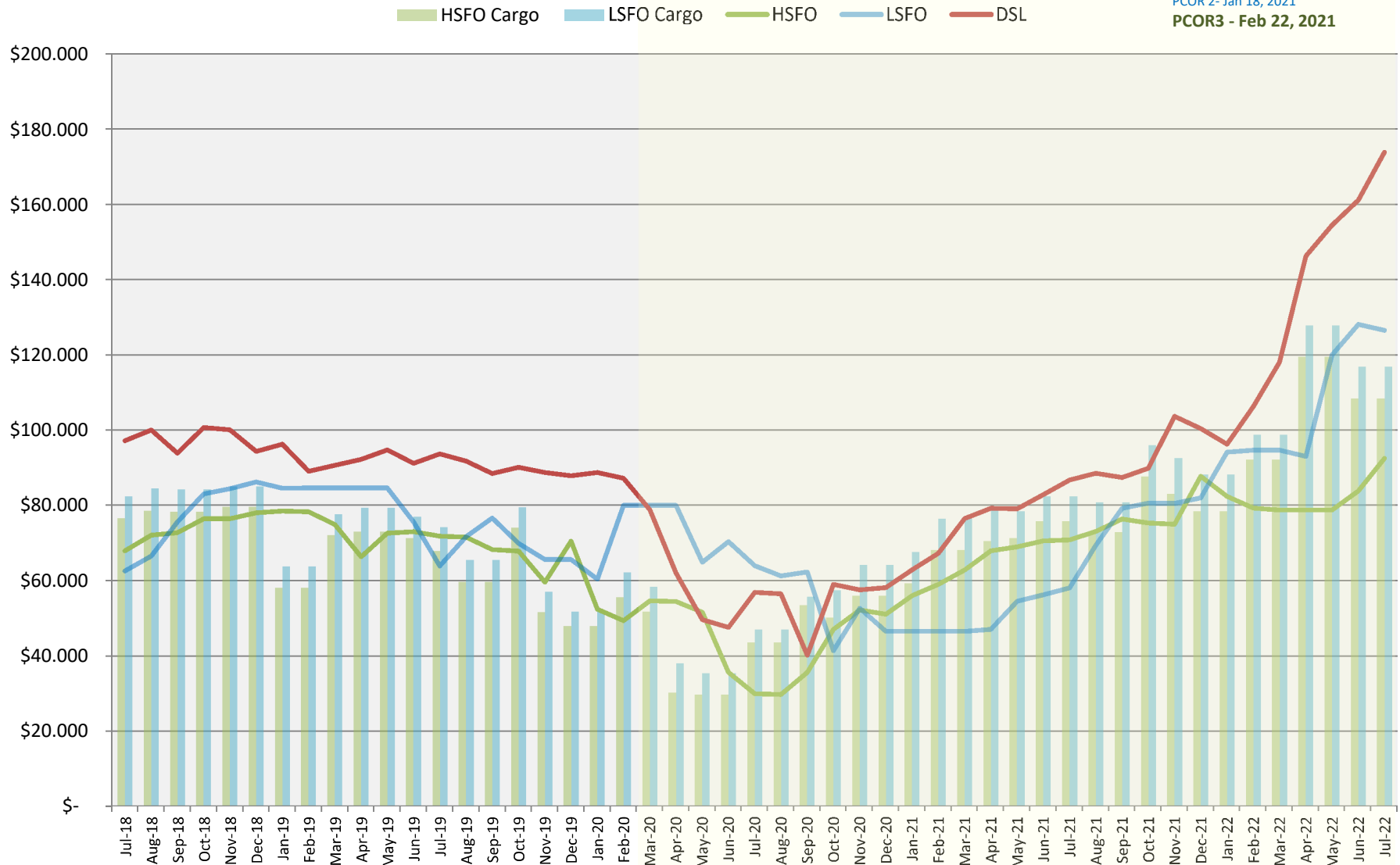
PCOR2 - May 10, 2020

PCOR3 - Jul 20, 2020

PCOR1 - Aug 16, 2020

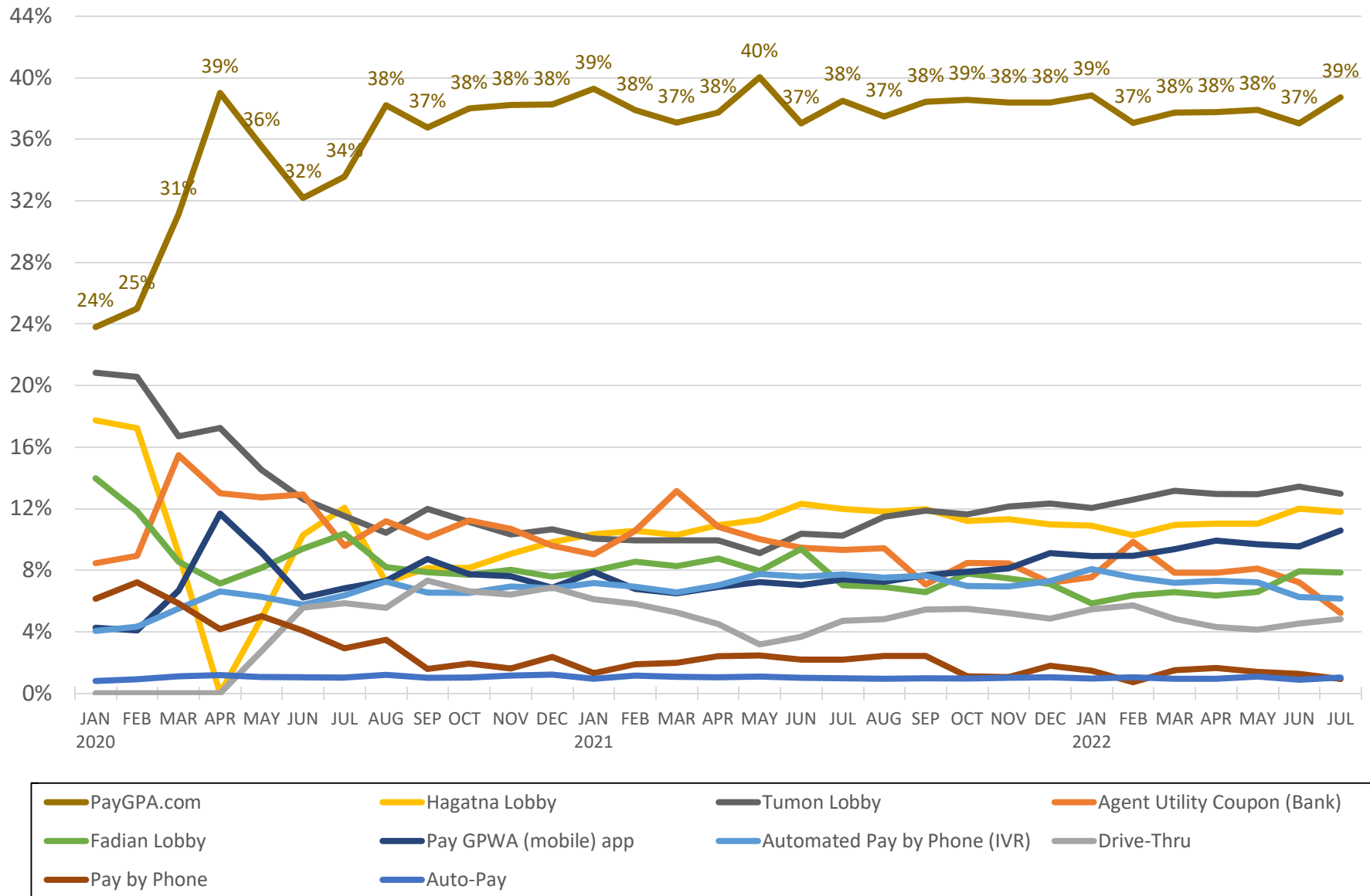
PCOR2 - Jan 18, 2021

PCOR3 - Feb 22, 2021



## Customer Service (Administration Division)

Percentage of transactions by collection point  
January 2020 - July 2022

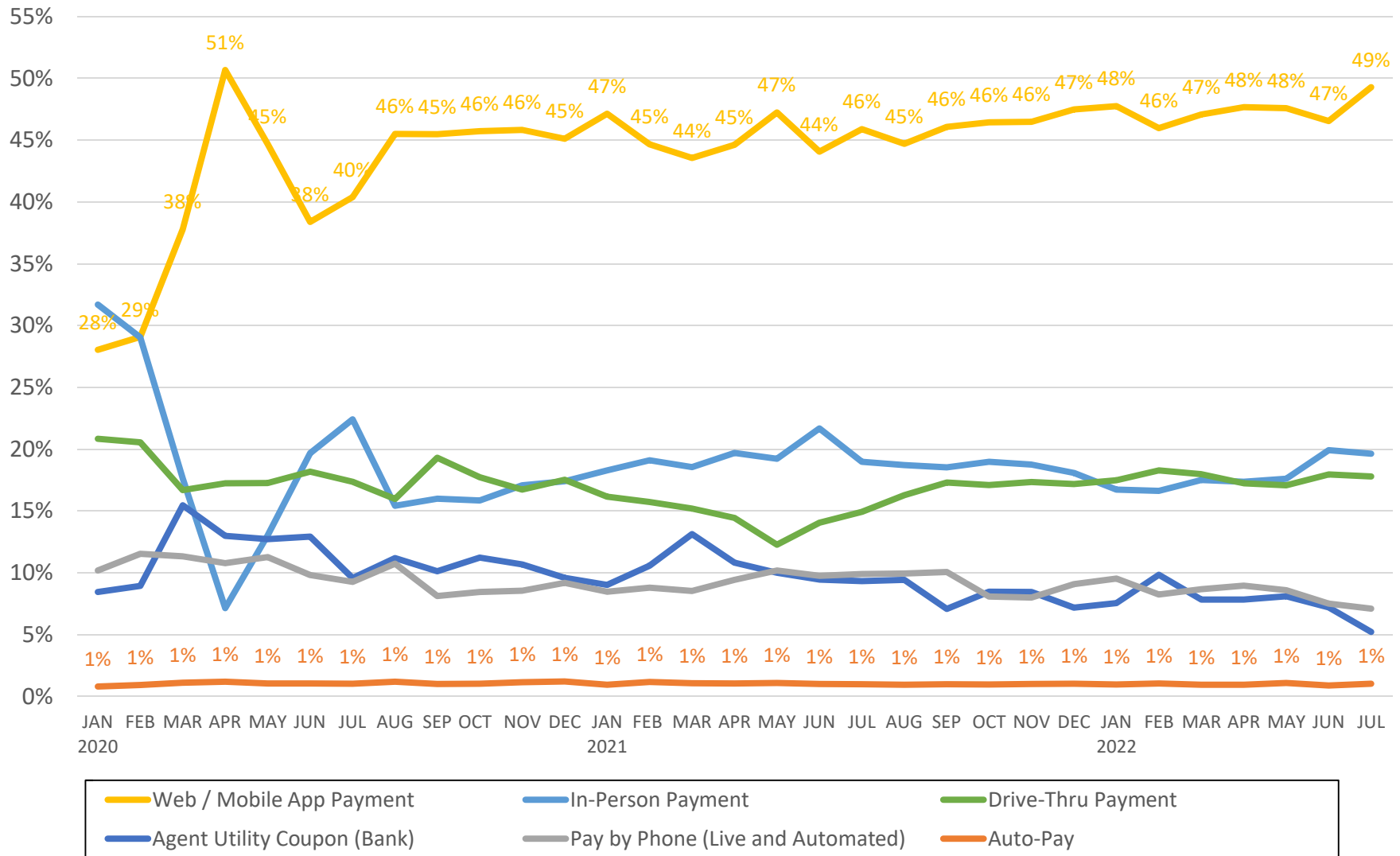


## Customer Service (Administration Division)

### Percentage of transactions by collection platform type

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

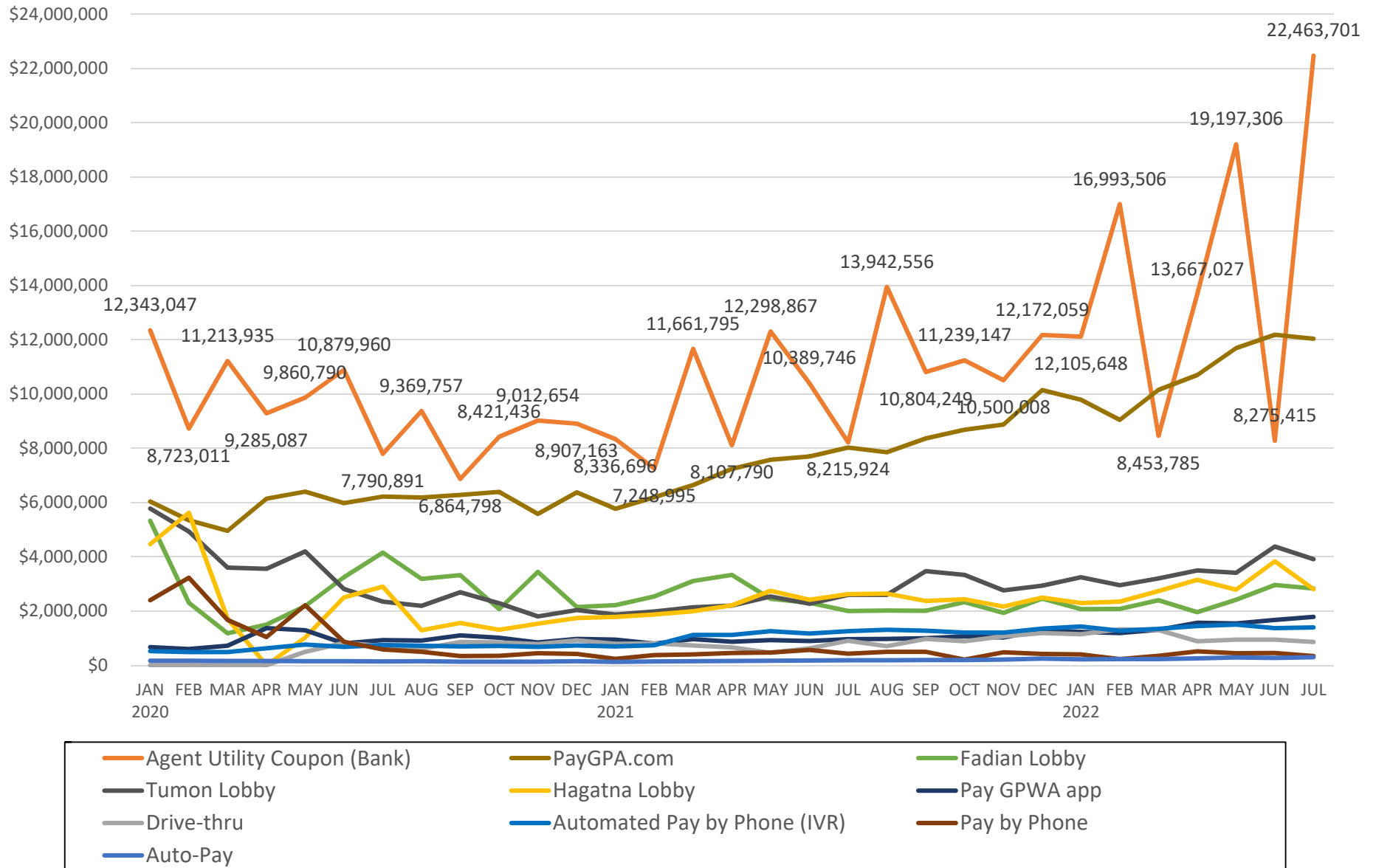
January 2020 - July 2022



## Customer Service (Administration Division)

Dollar amount collected per collection point

January 2020 - July 2022

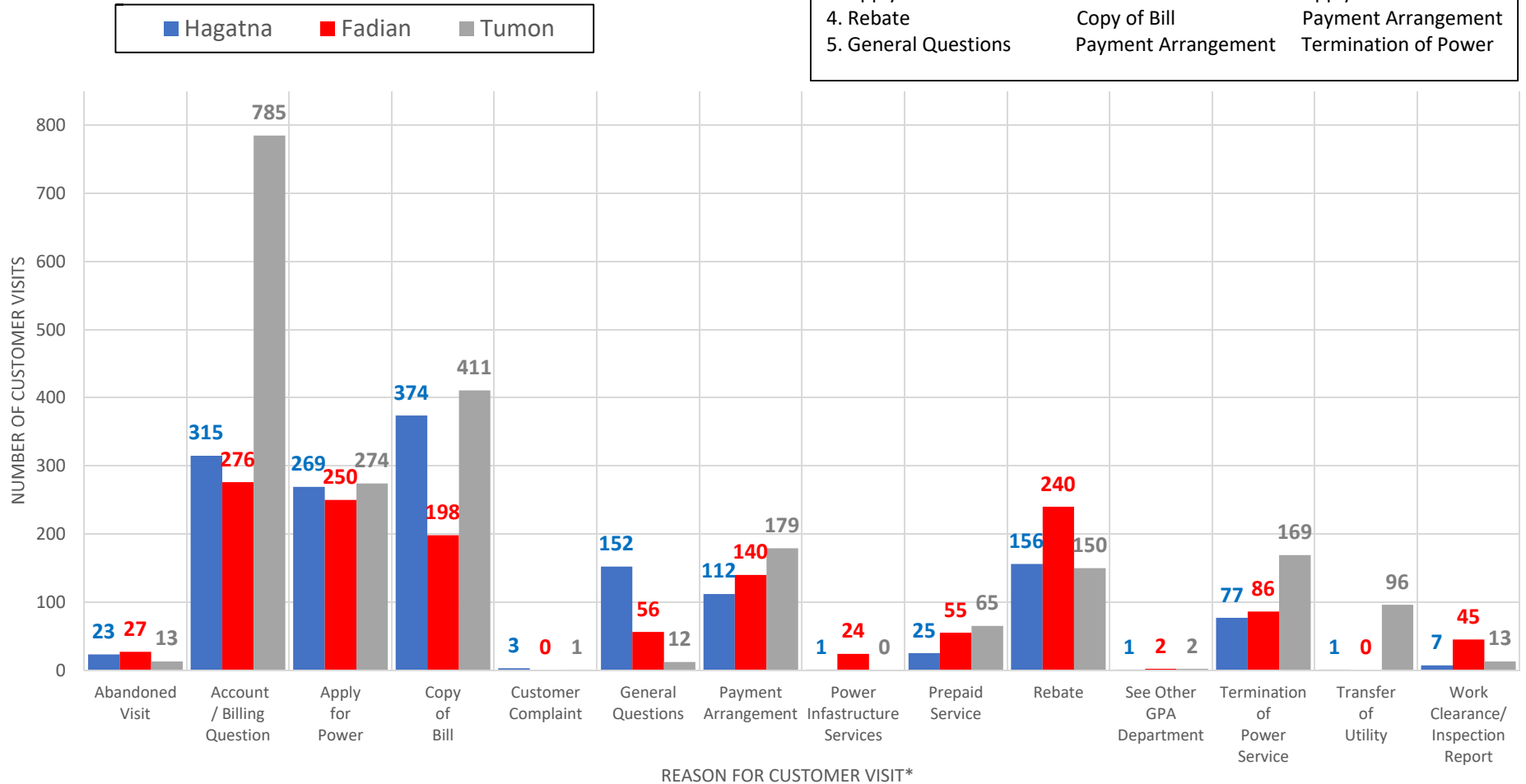




## Customer Service (Administration Division)

### Reason for Visit by Location

July 2022

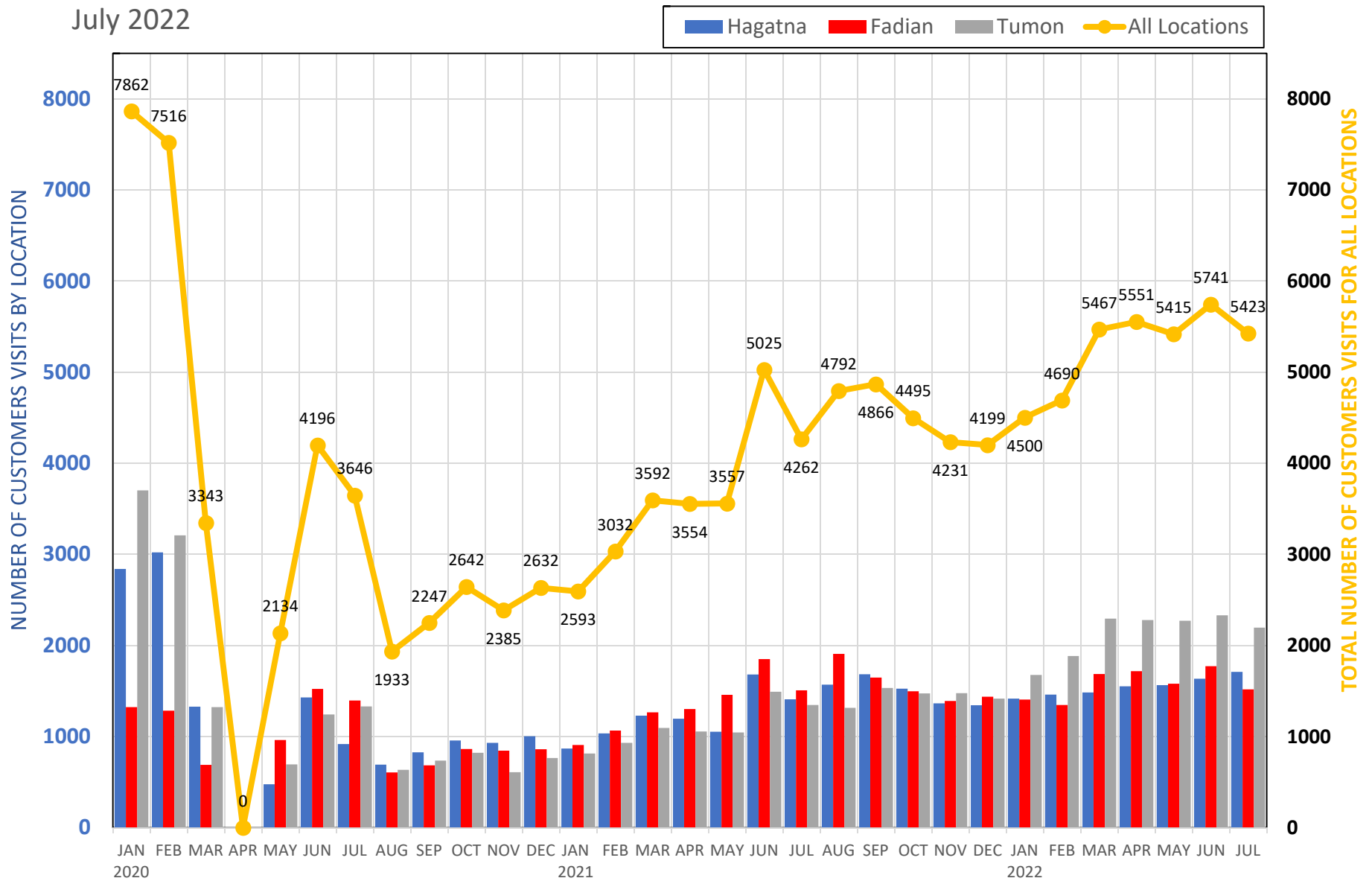


\*Each count per **Reason for Customer Visit** represents a customer who visits one of our lobbies. During their visit, the customer will only be counted once, regardless of the number of services provided to the customer. Their reason for visit will be coded based on their initial or primary reason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

## Customer Service (Administration Division)

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

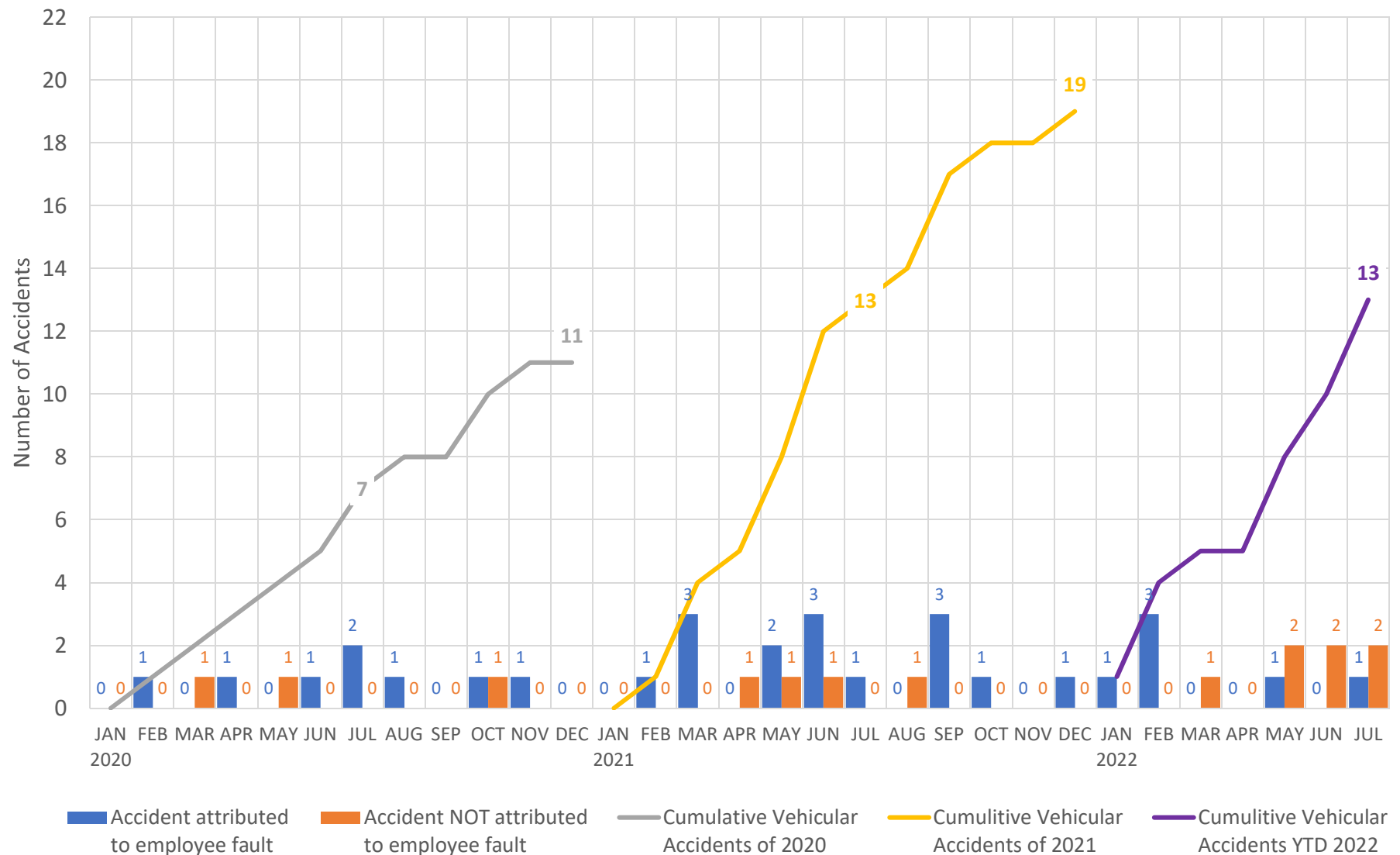
July 2022



# Safety (Administration Division)

## Vehicular Accidents

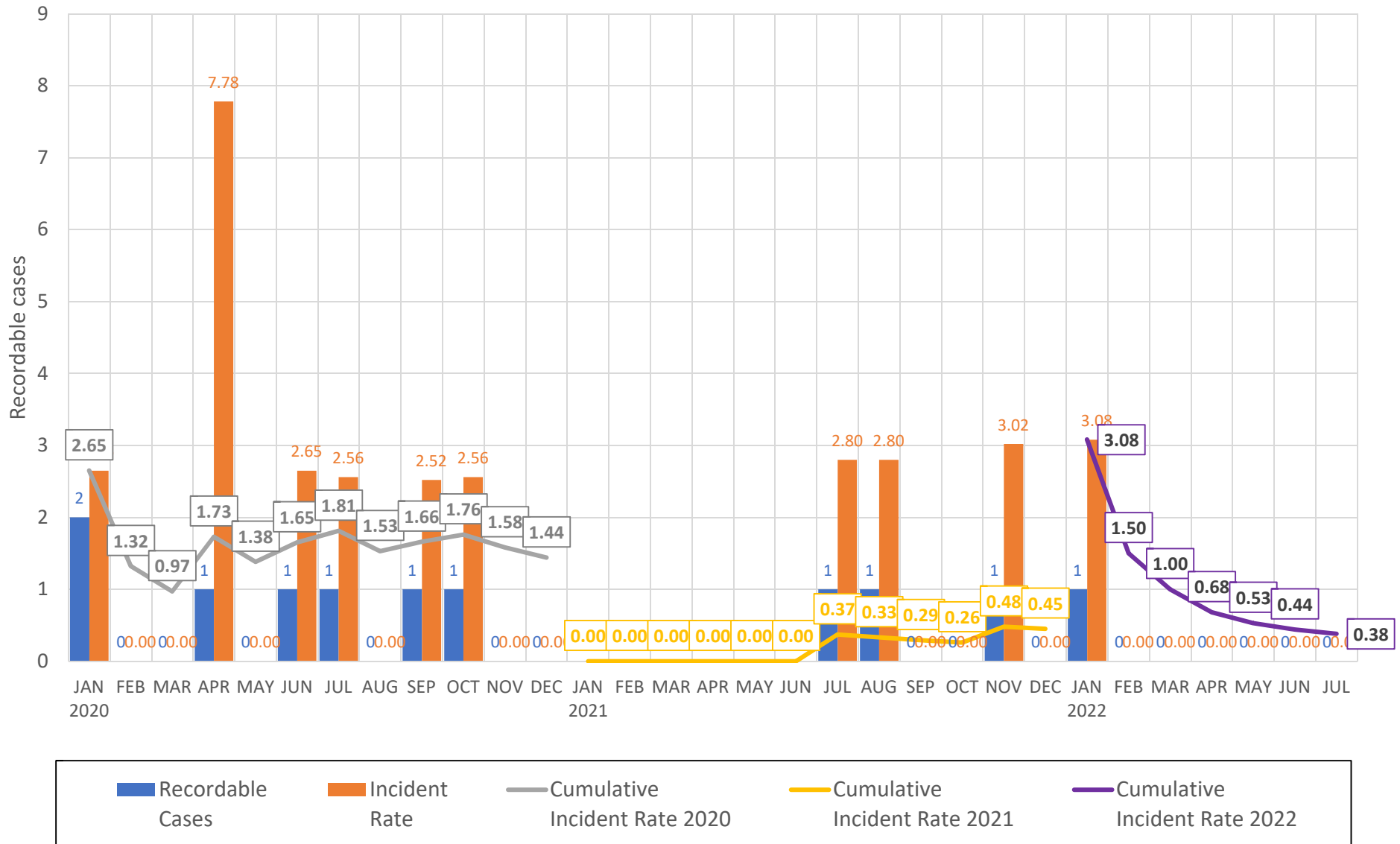
July 2022



# Safety (Administration Division)

## Incident Rate

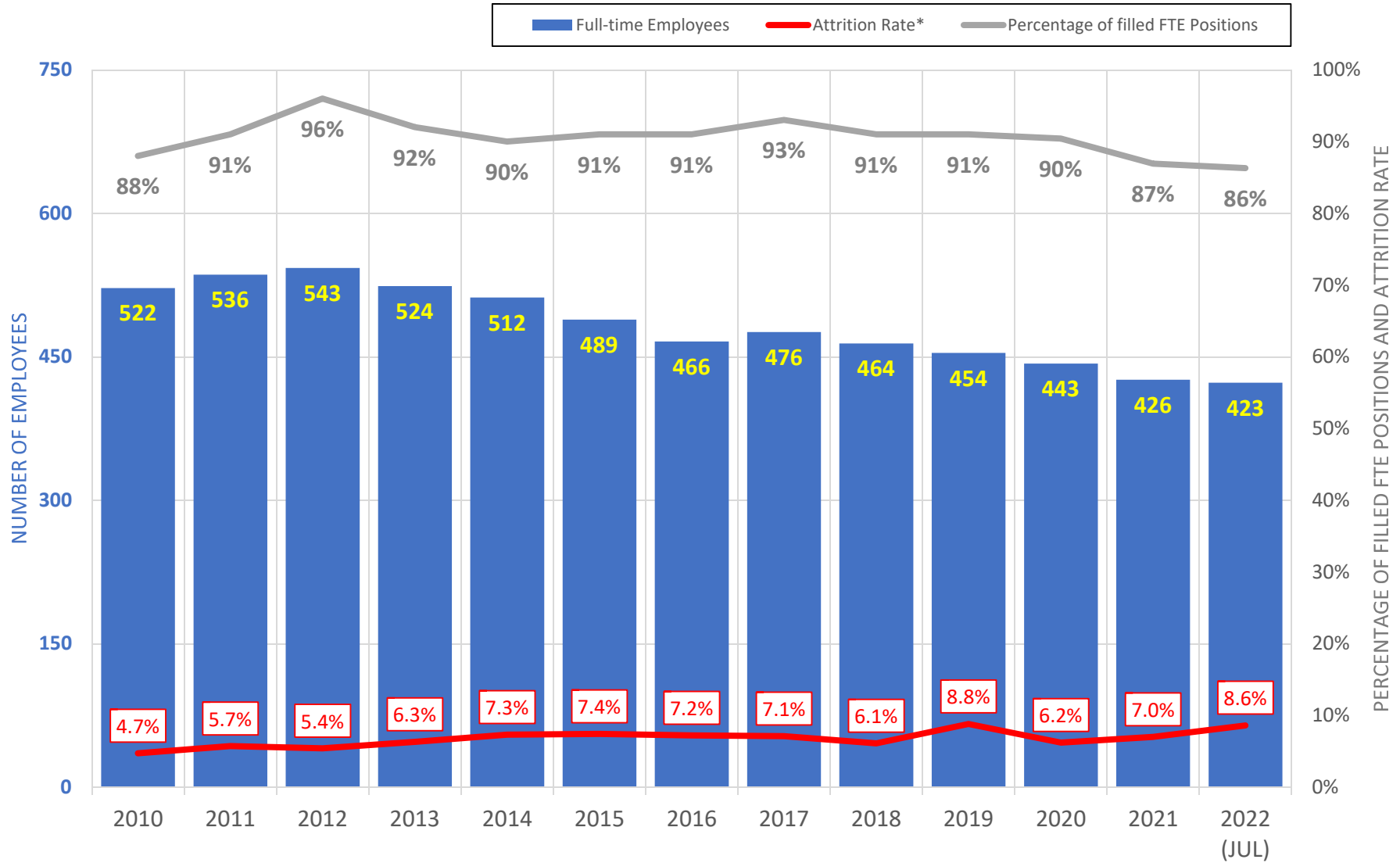
July 2022



## Human Resources (Administration Division)

### Recruitment Analysis

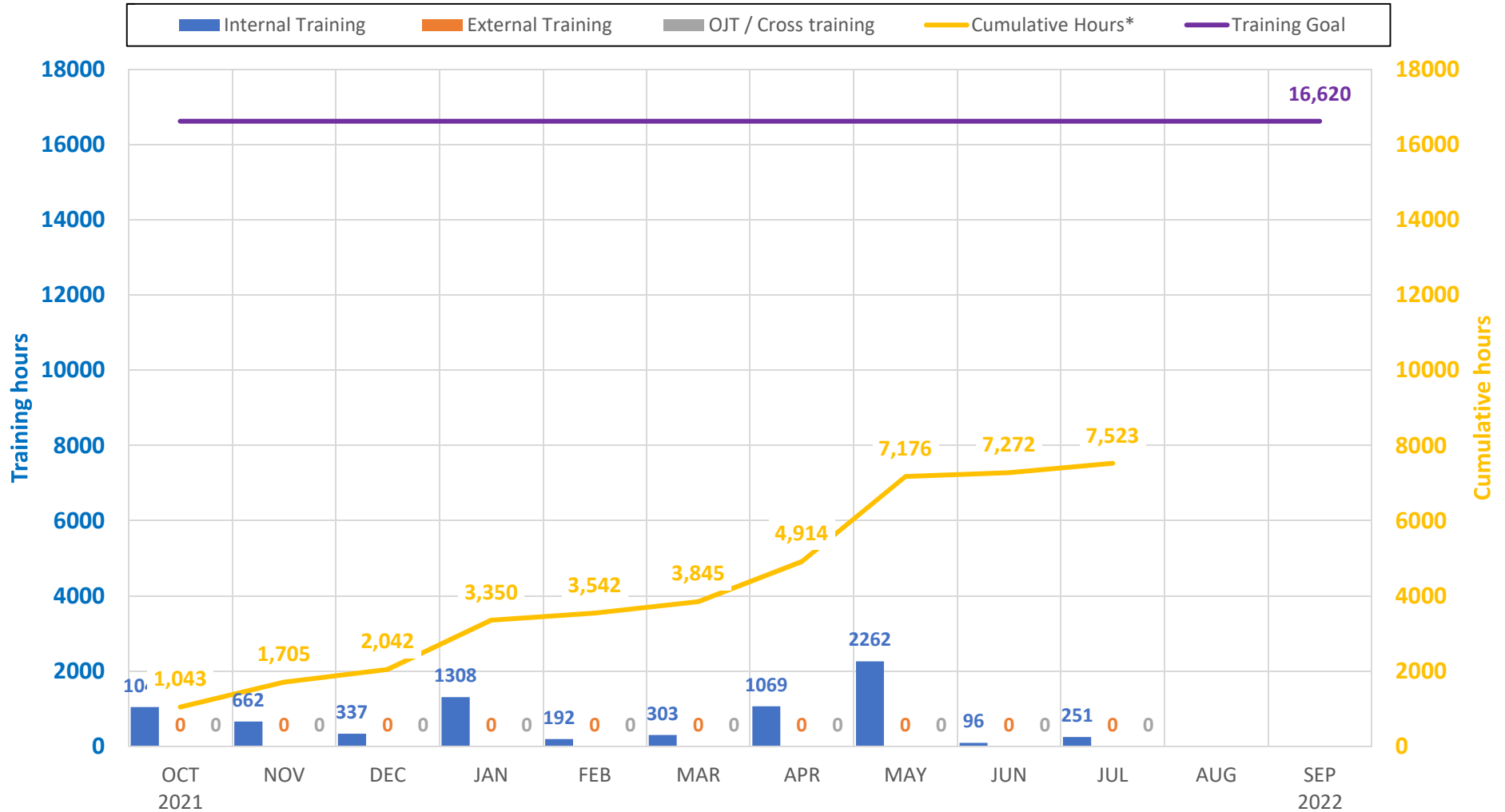
July 2022 (FY 2022)



\*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 2022 as of July 2022



\*For fiscal year 2022, the training goal has been set at 16,620 hours, 2% of total straight (831,013 hours) worked for FY 2021. As of July 2022, GPA has achieved 45.26% progress towards its cumulative hours training goal.

## Human Resources (Administration Division)

### Attrition listing

4<sup>th</sup> Quarter – FY 2022

Reclassifications				
Date of Reclassification	Name of Employee	Position reclassified to	Section	Division
July 17, 2022	Dwayne E. Aquino	Plant Maintenance Mechanic Leader	Generation	AGMO
July 17, 2022	Jay A. Aguero	Plant Electrician Leader	Generation	AGMO
Transfer & Promotion				
Date of Promotion	Name of Employee	Position promoted to	Section	Division
July 14, 2022	Joshua D. Manibusan	Personnel Specialist IV	Human Resources	AGMA
Resignation / Separations				
Date of Resignation/ Separation	Name of Employee	Position	Section	Division
July 15, 2022	Frank E. Santos	Plant Instrument Technician Leader	Generation	AGMETs
July 29, 2022	Jay Curtis N. Mesa	Electric Power System Dispatcher I	PSCC	AGMO
Retirements				
Date of Retirement	Name of Employee	Position	Section	Division
7/1/22	Honorio O. Estira Jr.	Special Projects Engineer	Engineering (Project Management)	AGMETs
7/2/22	Marcelo D.G. Limfueco	Plant Maintenance Mechanic II	Generation (Cabras 1&2)	AGMO

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

July 2022

RFP NO.	DESCRIPTION	DATE ADVERTISTED	RFP Closing	STATUS (as of 07/31/2022)
GPA-RFP-21-008	Application support services	09/09/2021 09/16/2021	10/07/2021 @ 4pm	On hold: Pending management approval
RE-SOLICITATION GPA-RFP-21-010	Engineering, Procurement & Construction Management (EPCM) Contract	03/24/2022 03/31/2022	05/06/2022 @ 4pm	On hold: Pending end user scope of work for price proposal submission
GPA-RFP-22-003	GPWA Customer Information System (CIS) System Support	04/21/2022 04/28/2022	05/19/2022 @ 4pm	In progress On-going RFP evaluation
GPA-RFP-22-004	Utility Resource Planning Software	04/21/2022 04/28/2022	05/19/2022 @ 4pm	In progress Pending bid committee evaluation
GPA-RFP-22-005	GPA Independant Financial Audit Services	07/28/2022 08/04/2022	09/01/2022 @ 3pm	In progress



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

July 2022

IFB NO.	DESCRIPTION	DATE ADVERTISTED	BID OPENING	STATUS (as of 07/31/2022)
Re-bid GPA-043-21	Protection Relays	07/12/2022 07/19/2022	08/03/2022 @ 11am	In progress
Re-bid GPA-045-21	Integrated Communications Optical Network	07/12/2022 07/19/2022	08/10/2022 @ 10am	In progress
GPA-048-21	New, 2021 65 Foot 4x4 Bucket Trucks	06/17/2021 06/24/2021	07/07/2021 @ 11am	On hold: Pending legal guidance
Re-bid GPA-028-22	Streetlight Heads	07/19/2022 07/26/2022	08/09/2022 @ 10am	In progress
GPA-030-22	Fuse, Cutout	03/22/2022 03/29/2022	05/11/2022 @ 10am	In progress: 14-day Protest Period
GPA-031-22	New Turbo Charger, Complete Assembly	03/29/2022 04/05/2022	05/12/2022 @ 10am	In progress: 14-day Protest Period
GPA-032-22	Services for the Transfer and Hauling of Used Oil from Tanks Located at Various GPA Locations to the Guam Port	03/29/2022 04/05/2022	05/10/2022 @ 10am	In progress: 14-day Protest Period
GPA-036-22	Removal and Assembly of a New Gas Turbine Exhaust Plenum	05/19/2022 05/26/2022	07/14/2022 @ 10am	On hold: Pending legal guidance as of 07/14/2022
Re-bid GPA-037-22	Plant Service Air Compressors	07/28/2022 08/04/2022	08/11/2022 @ 10am	In progress
Re-bid GPA-038-22	Liquid Fuel Flow Divider	07/28/2022 08/04/2022	08/11/2022 @ 2pm	In progress
GPA-039-22	Guam Power Authority Tank 1935, Tank Bottom Soil Sampling	05/10/2022 05/17/2022	06/01/2022 @ 11am	In progress: Pending bid recommendation letter
GPA-040-22	Turbo Charger Complete Assembly (Refurbished)	05/31/2022 06/07/2022	06/15/2022 @ 10am	In progress: Budget review 07/29/2022
GPA-043-22	Laptops	06/23/2022 06/30/2022	07/12/2022 @ 2pm	In progress

**Procurement** (Administration Division)Notable **IFB** and **MS Bid** monthly status update

July 2022

IFB NO.	DESCRIPTION	DATE ADVERTISTED	BID OPENING	STATUS (as of 06/30/2022)
GPA-045-22	Rugged Tablets	6/28/2022 07/05/2022	07/13/2022 @ 2pm	In progress
GPA-046-22	Pole Mounted Transformers	06/23/2022 06/30/2022	07/13/2022 @ 11am	In progress
GPA-047-22	Wire	07/12/2022 07/19/2022	08/04/2022 @ 10am	In progress
GPA-048-22	Power Multi-function Measuring Instrument (PMM-1)	07/12/2022 07/19/2022	08/17/2022 @ 10am	In progress
GPA-051-22	Piti 7 Gas Turbine Power Plant with the Replacement of New and/or Refurbished Starting Diesel Engine	07/28/2022 08/04/2022	08/25/2022 @ 10am	In progress
Re-Bid MS-GPA-012-22	Diesel Fuel Oil No.2 for GPA's Water Systems Distribution (WSD) and GWA Emergency Generators	03/17/2022 03/24/2022	STEP 1 04/29/2022 @ 2pm	In progress: Pending CCU approval
Re-bid MS-GPA-015-22	Performance Management Contract for the GPA Fuel Bulk Storage Facility	06/02/2022 06/09/2022	STEP 1 09/23/2022 @ 4pm	In progress
Re-Bid GPA-SS-002-22	Miscellaneous Surplus Salvage	06/23/2022 06/30/2022	07/12/2022 @ 11am	In progress: Pending GM approval of Notice of Intent and Bill of Sale

# Procurement (Administration Division)

## Bid Protests & Appeals Status

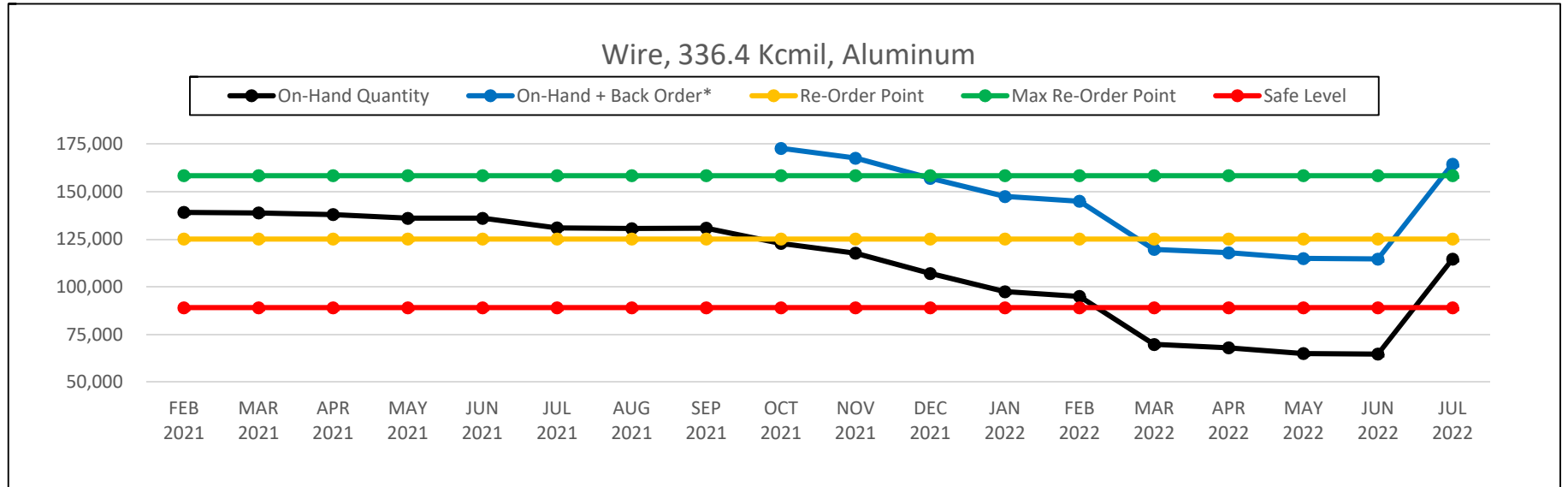
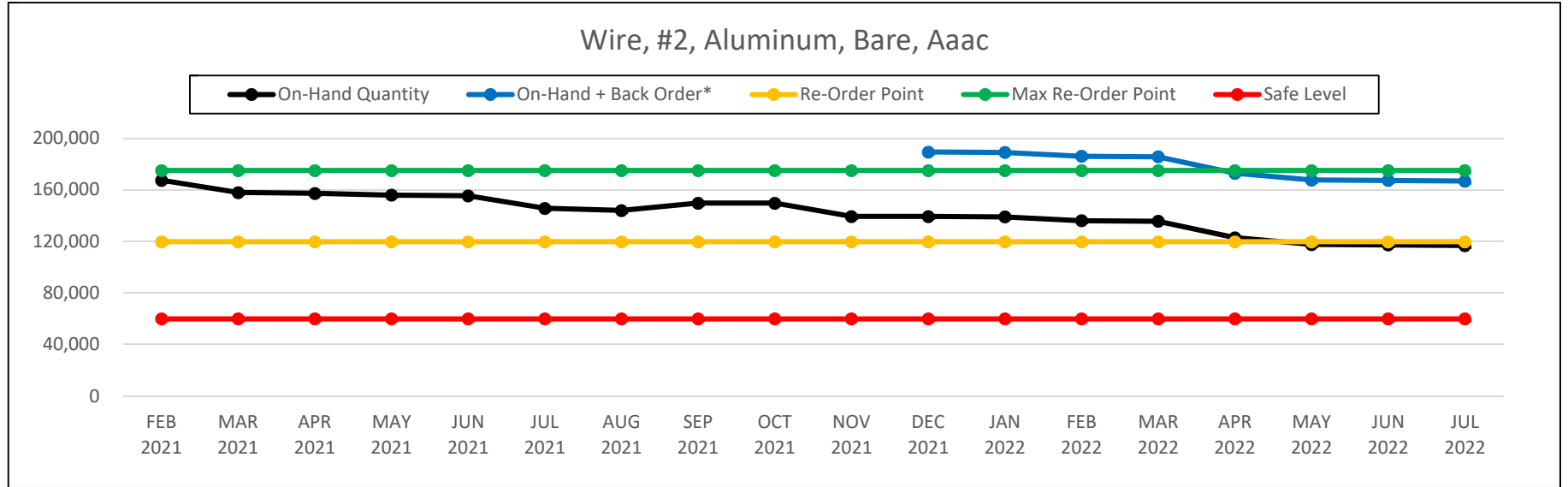
July 2022

PROTESTS	IFB, MS BID, or RFP	BID NUMBER	DESCRIPTION	FILER	Stay of Procurement Issue Date	Stay of Procurement Lift Date	Status/Comments
	IFB	GPA-IFB-081-18	2018, 2-Wheel Steel Body Step Van	Morricono	06/15/2008		Roberts Fowler & Visosky Office filed Protest
	IFB	GPA-IFB-043-20	Voice & Data Services	Pacific Data Systems	06/09/2020		Pending legal action with revised bid specifications as of 5/19/22
	IFB	GPA-IFB-059-21	Substation Network Switch	Pacific Data Systems	09/09/2021		Pending Legal Determination
	IFB	GPA-IFB-057-21	Bolts, Double Arming, Galvanize 5/8" x 20"	R&D Marketing	09/10/2021		Pending Legal Determination
	IFB	GPA-014-22	Desktop Computers	Pacific Data Systems	02/21/2022		Pending Legal determination
APPEALS	IFB, MS BID, or RFP	BID NUMBER	DESCRIPTION	OPA or Civil Case No.	Notice of Appeal Receipt Date	Notice of Appeal Hearing Date	Status/Comments
	RFP	GPA RFP-21-002	Professional Print, Mailing and Processing Services Related to Utility Customer Billing	OPA-PA-21-012	10/25/2021		Pending Superior Court Decision

## Material Management (Administration Division)

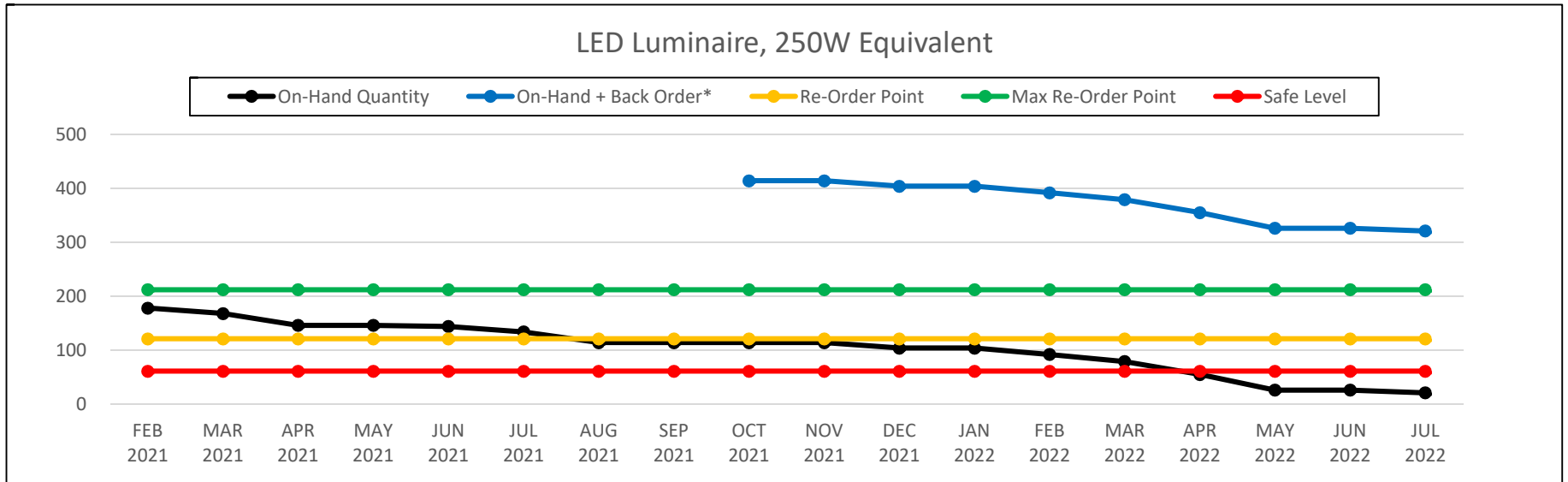
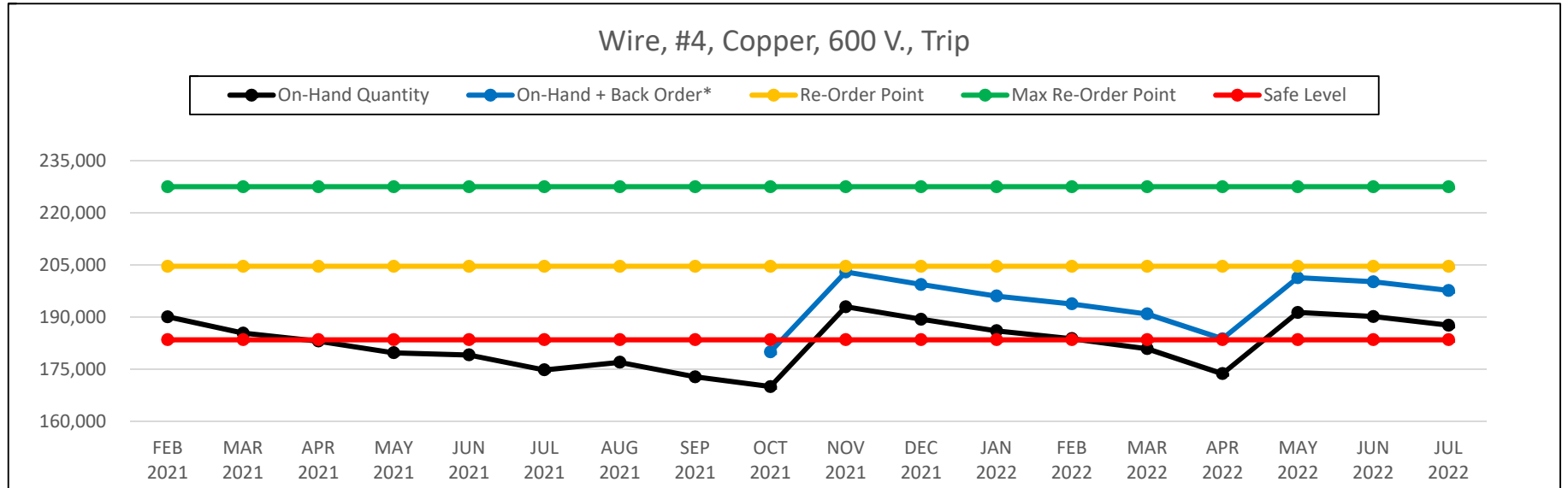
Fast-moving inventory items with backorder pending - Wire

July 2022



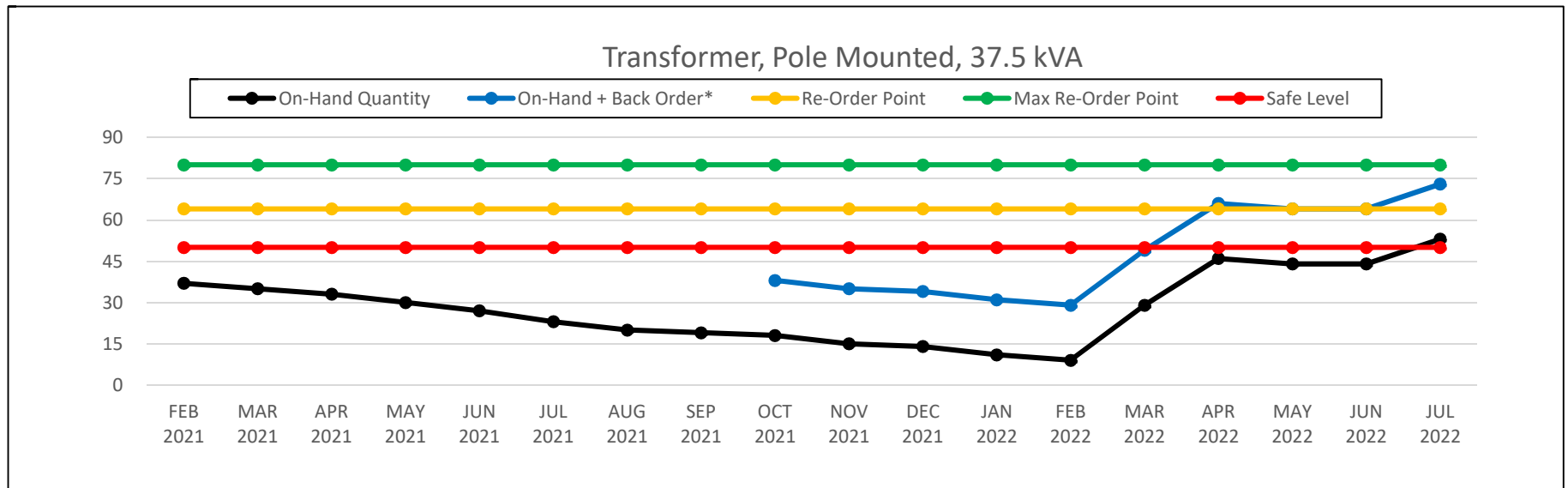
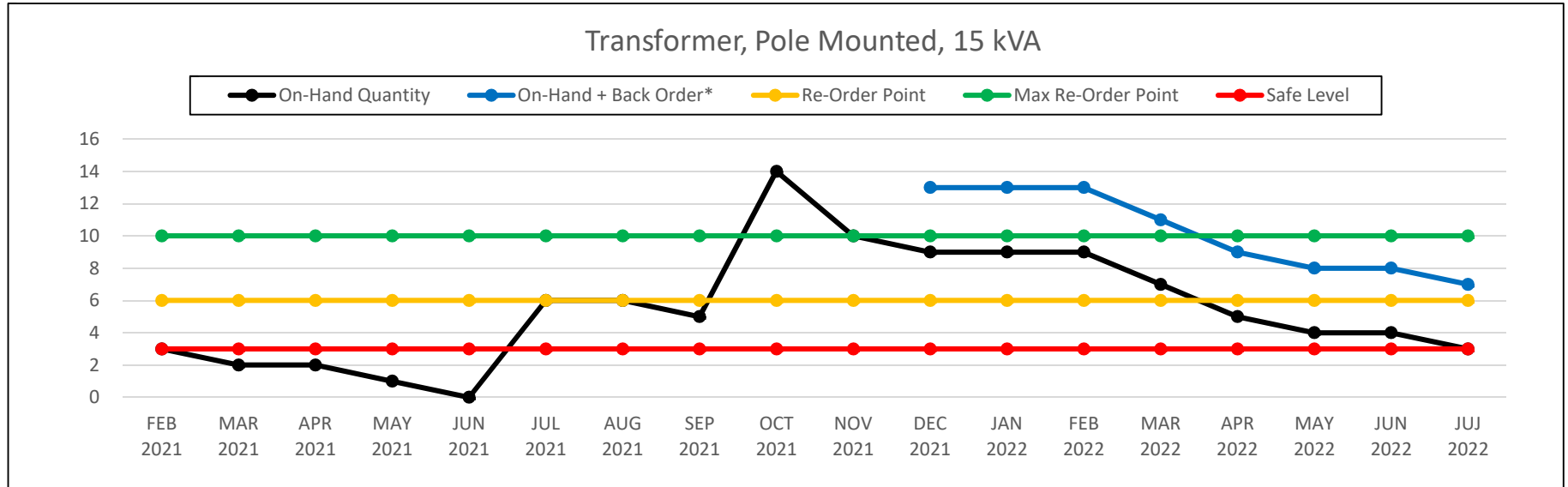
## Material Management (Administration Division)

Fast-moving inventory items with backorder pending - Wire / Streetlight  
July 2022



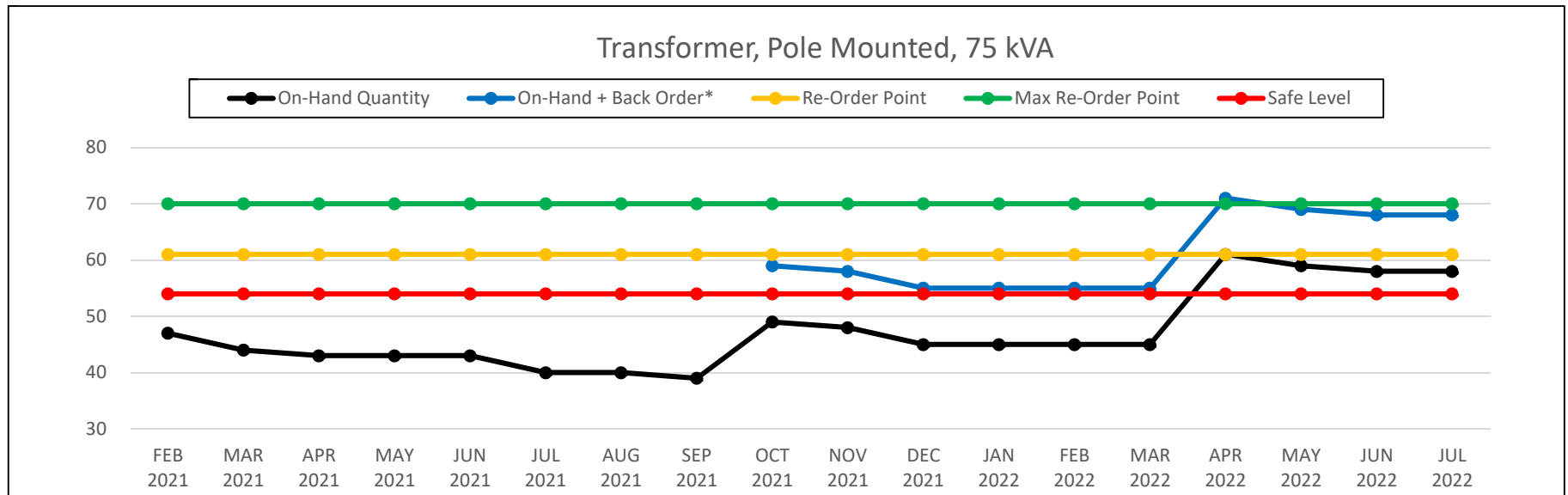
## Material Management (Administration Division)

Fast-moving inventory items with backorder pending – Pole-mounted Transformers  
July 2022



## Material Management (Administration Division)

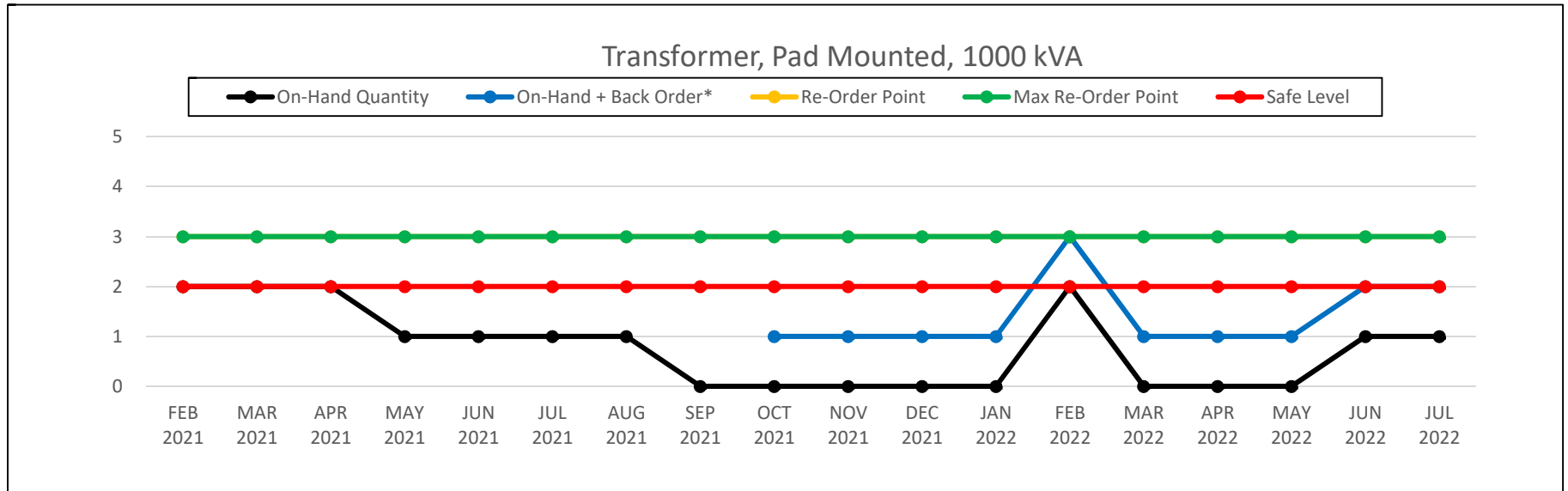
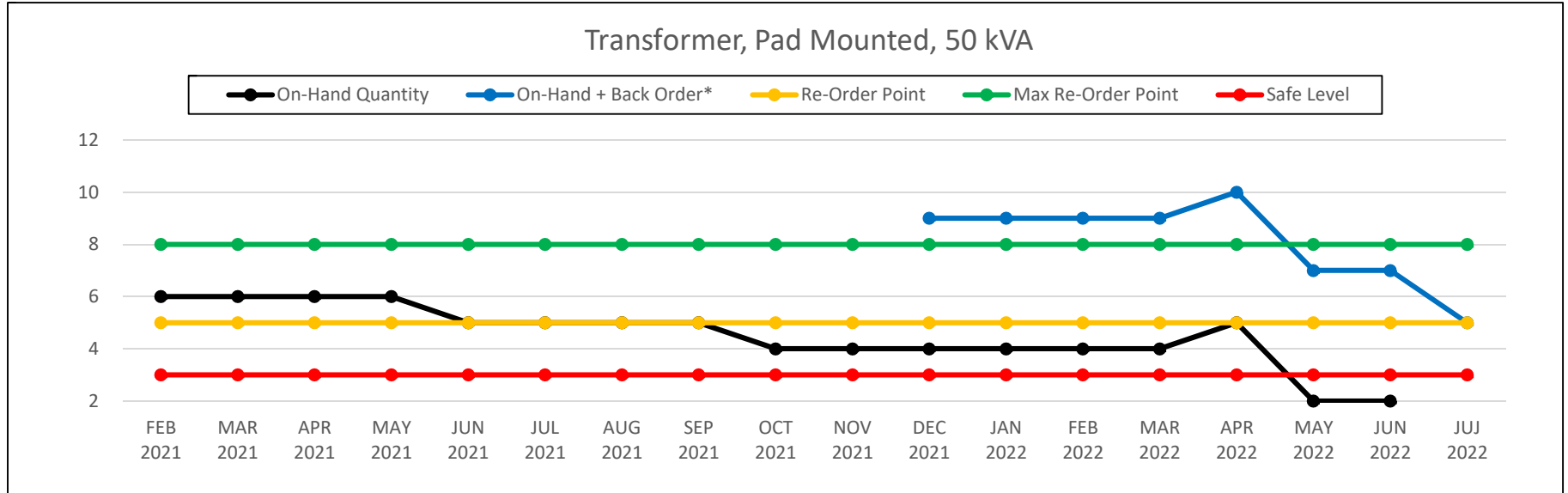
Fast-moving inventory items with backorder pending – Pole-mounted Transformer  
July 2022



## Material Management (Administration Division)

Fast-moving inventory items with backorder pending – Pad-mounted Transformers

July 2022

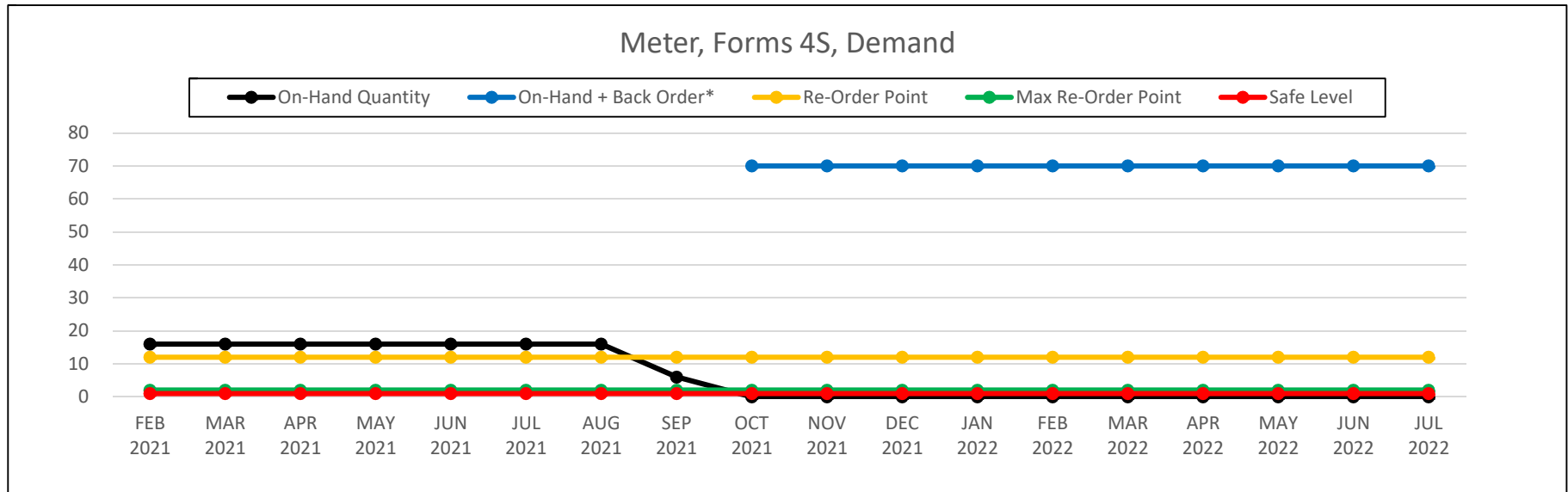
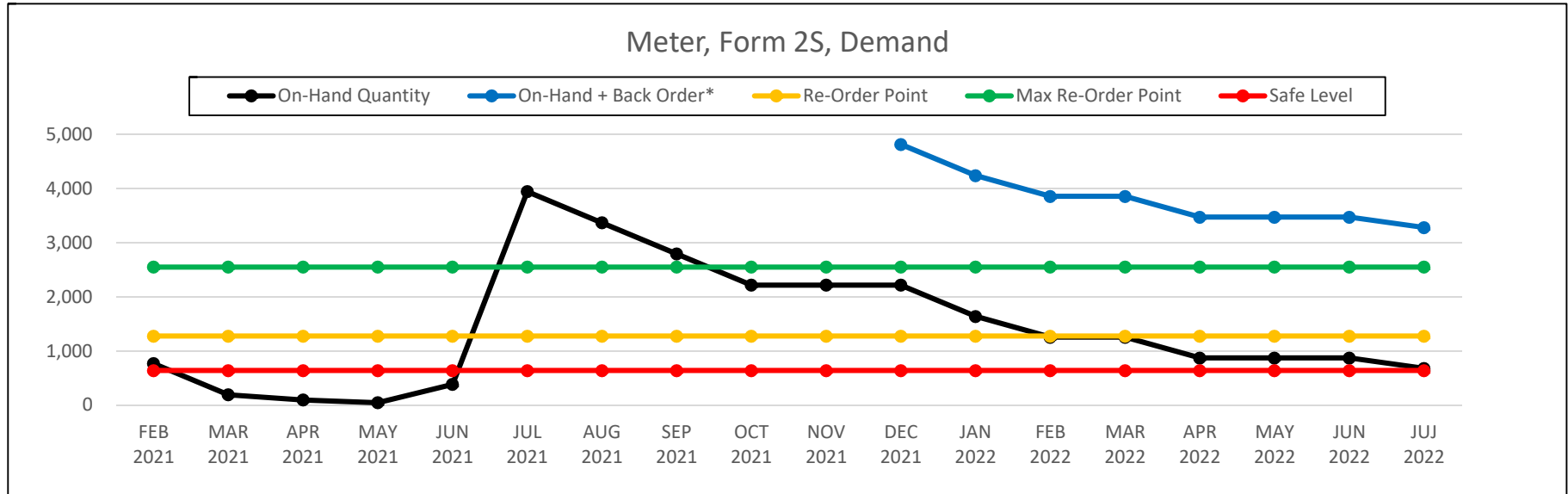




## Material Management (Administration Division)

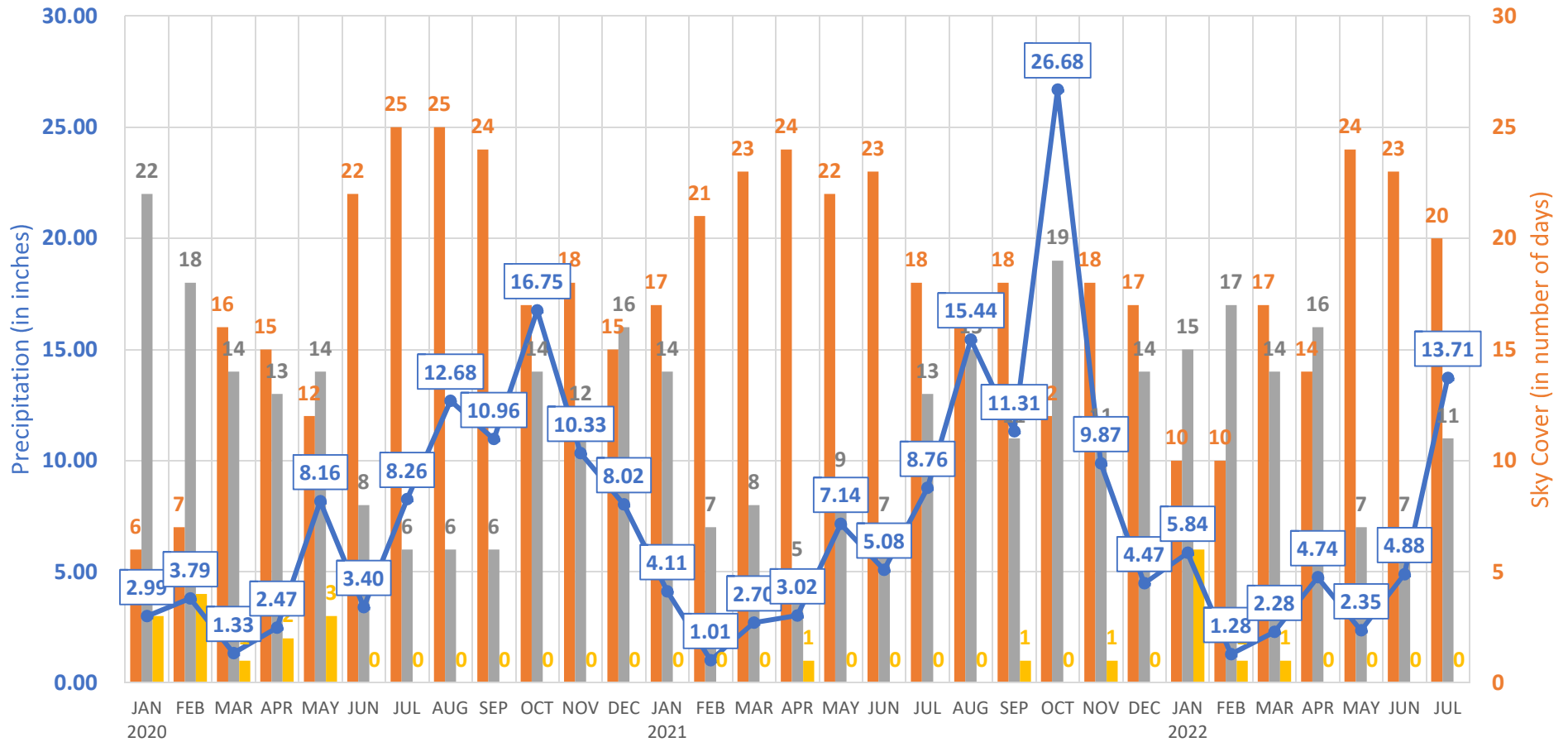
Fast-moving inventory items with backorder pending – Meters

July 2022



## Guam Climate Summary

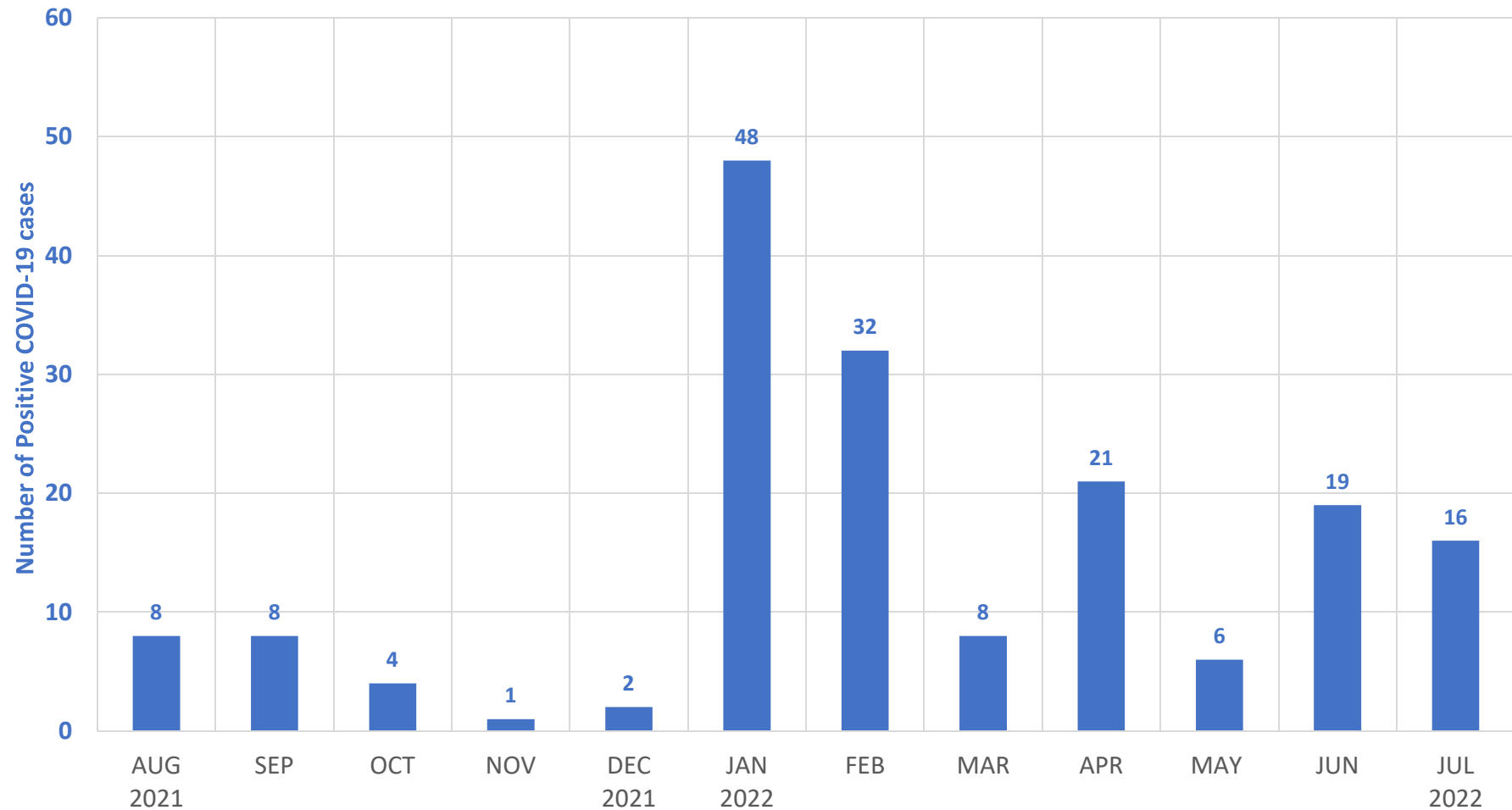
Sky Cover and Precipitation  
January 2020 - July 2022



		Temperature (in Fahrenheit)			Precipitation (in inches)		Sky Cover (in days)			Weather Conditions (no. of days with)						Weather Event	
Month	Year	High	Mean	Low	Total	Greatest 24-hour	Fair	Partly Cloudy	Cloudy	Thunder storm	Heavy Rain	Rain	Light Rain	Fog	Haze	Name	Day
JUL	2022	89	81.0	73	13.71	2.48	20	11	0	4	13	16	30	0	0	n/a	n/a

## Number of Positive COVID-19 cases per month

August 2021 - July 2022



# AGMA Division

On-going projects for July 2022

	STATUS	TREND
<b>Customer Service</b>		
Customer Engagement <i>- Concentrated focus on energy saving tips, audits, and tools to encourage demand-side management.</i>		▲
Customer Service CSOnline (via Prithibi) <i>- Provided feedback to Prithibi, further website developments underway.</i>		▲
<b>Human Resources</b>		
GPA Self Service (via Prithibi) <i>- GPA CITO looking into other options for self-service site instead of having site build from scratch by Prithibi.</i>		—
Content Experience Cloud (CEC) / DocuSign / Oracle Cloud <i>- Prithibi has completed the HR site for CEC document access. HR to provide additional details to further develop site.</i>		▲
<b>Safety</b>		
Comprehensive Security Plan for Guam's Critical Energy Infrastructure grant award <i>- Grant work is proceeding as planned.</i>		▲
GPWA Physical Security Proof-of-Concept by Sheffield Scientific <i>- Sheffield Scientific providing bi-weekly updates and work is on-going.</i>		▲
Vulnerability of Integrated Security Analysis (VISA) Workshop <i>- Procurement of venue and van, for site visit, are on-going. Workshop is scheduled for August 22-26, 2022.</i>		▲
<b>Procurement</b>		
Content Experience Cloud (CEC) DocuSign / Oracle Cloud <i>- E1-CEC Integration in PY environment only (as of 07/19/2022). No E1 and DocuSign integration planned – notified on 07/20/2022</i>		▲
Business Process Review <i>- Pending draft of website/portal from Big Fish Creative (vendor) as of 07/31/2022</i>		—
<b>Warehouse</b>		
Salvage bid <i>- Supply – COMPLETED, Substation (transformers) – IN PROGRESS, Transportation and Cabras – AWAITING BID AWARD.</i>		▲
Annual Physical Inventory <i>- Scheduled for August 12 - 14, 2022.</i>		▲
Business Process Review <i>- Prithibi provided update report to IMO for review and implementation of recommendations.</i>		▲

STATUS		
GOOD	NEUTRAL	POOR

TREND		
▲ Improving	— Cautious	▼ Worsening

# GPA Work Session - August 18, 2022 - GM REPORT UPDATES

## GUAM POWER AUTHORITY GOVERNMENT ACCOUNTS RECEIVABLE

Billing up to July 31, 2022 and payments as of 08/11/2022

	Current (07/31/2022 Billing due 08/31/2022)
	31 days Arrears 06/30/2022 due 07/31/2022
	61 days and over Arrears (05/30/22 billing due 06/30/2022)

CC&B New Acct Number	DEPARTMENT	CC&B BALANCE 06/30/2022	CANCEL/REBILL/ SPEC CHARGE 08/11/2022	BILLING 07/31/2022	PAYMENT UP TO 08/11/2022	CC&B BALANCE 08/11/2022
-------------------------	------------	----------------------------	---	-----------------------	-----------------------------	----------------------------

### Line Agencies

3404311949	LINE AGENCIES	Guam Environmental Protect	17,981.03	-	9,589.50	(9,020.14)	18,550.39
4554808900	LINE AGENCIES	Nieves Flores Library	28,038.94	-	14,568.75	(13,789.06)	28,818.63
6069461950	LINE AGENCIES	Dept of Youth Affairs (Federal)	340.41	-	652.90	(340.41)	652.90
6293410000	LINE AGENCIES	Office of the Governor	27,987.19	-	30,447.46	(18,295.18)	40,139.47
6841080463	LINE AGENCIES	Guam Behavioral Health & Wellness	5,446.38	-	5,805.25	-	11,251.63
7928924534	LINE AGENCIES	Guam Visitors Bureau	5,906.69	-	6,703.84	(12,610.53)	-
3227759982	LINE AGENCIES	Mental Health/Subst	66,304.14	-	72,153.68	-	138,457.82
7813165805	LINE AGENCIES	Pacific Energy Resource Center	1,381.58	-	701.54	(678.40)	1,404.72
2913461537	LINE AGENCIES	Dept. of Youth Affair* (Local)	18,245.59	-	19,124.76	(18,245.59)	19,124.76
1073430238	LINE AGENCIES	Dept. of Corrections	97,161.92	-	106,132.12	-	203,294.04
3558733700	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village (NET METER)	56.64	-	14.16	(42.48)	28.32
1099514147	LINE AGENCIES	Dept of Chamorro Affairs/Repository	656.12	-	248.33	(432.10)	472.35
9541109130	LINE AGENCIES	General Services Agency	293.69	-	291.89	-	585.58
7663706771	LINE AGENCIES	Yona Senior Citizen Center	1,887.77	-	1,036.71	(1,887.77)	1,036.71
8564647941	LINE AGENCIES	DOA Supply Mgmt (NET METERED)	1,275.08	-	1,251.21	-	2,526.29
0070861777	LINE AGENCIES	Veteran Affairs	7,631.42	-	2,991.73	(4,940.65)	5,682.50
5247210000	LINE AGENCIES	Mayors Council	21,631.05	-	3,610.13	(7,624.81)	17,616.37
4129948191	LINE AGENCIES	Dept of Chamorro Affairs/Chamorro Village	13,222.87	-	4,284.03	(13,222.87)	4,284.03
4211873236	LINE AGENCIES	Dept. of Administration	16,735.72	-	13,934.75	-	30,670.47
1621790133	LINE AGENCIES	DOA-Data Processing	12,153.25	-	13,608.93	(12,153.25)	13,608.93
1595188609	LINE AGENCIES	Dept. of Agriculture	37,767.80	-	16,385.04	(30,631.18)	23,521.66
8300435373	LINE AGENCIES	Civil Defense (Military Affairs)	28,293.08	-	16,399.19	-	44,692.27
0453170939	LINE AGENCIES	Guam Fire Department	42,332.42	-	21,815.55	(42,332.42)	21,815.55
8555858369	LINE AGENCIES	Dept of Chamorro Affairs (Guam Museum)	93,293.31	-	41,129.61	(59,734.12)	74,688.80
1896187753	LINE AGENCIES	Dept. of PH&SS	147,376.88	-	53,029.40	-	200,406.28
0040515913	LINE AGENCIES	Dept. of Parks & Rec.	31,143.48	-	15,001.03	(16,321.82)	29,822.69
3535590089	LINE AGENCIES	DPW-FAC Adm Account	53,630.00	324.14	23,024.70	-	76,978.84
6504086567	LINE AGENCIES	DPW-FAC Adm Account (NET METERED)	27,005.33	-	15,664.18	-	42,669.51
7252821074	LINE AGENCIES	Dept. of Education	4,791,969.36	-	1,220,074.92	(4,743,818.21)	1,268,226.07
0260609082	LINE AGENCIES	Guam Police Department	92,478.63	25.00	57,942.47	(52,067.33)	98,378.77
Sub-total			5,689,627.77	349.14	1,787,617.76	(5,058,188.32)	2,419,406.35

### Mayors

6393530237	MAYORS	Hagatna Mayor	1,247.08	-	978.28	(1,247.08)	978.28
4469579998	MAYORS	Merizo Mayor	2,585.37	-	1,628.22	(2,585.37)	1,628.22
1880297633	MAYORS	Talofo Mayor	3,445.69	-	1,888.66	(3,445.69)	1,888.66
0492244686	MAYORS	Asan/Maina/Adelup Mayor	3,493.88	-	2,021.94	(3,493.78)	2,022.04
3293808984	MAYORS	Piti Mayor	2,520.35	-	1,892.07	(2,520.35)	1,892.07
7202265287	MAYORS	Umatat Mayor	2,275.45	-	1,337.61	(2,275.45)	1,337.61
1837525565	MAYORS	Yona Mayor	7,931.78	-	4,187.66	(7,931.78)	4,187.66
5763167341	MAYORS	Barrigada Mayors Office	8,238.62	-	4,941.36	(8,238.62)	4,941.36
8715052935	MAYORS	Mongmong/Toto/Maitte Mayor	2,949.25	-	1,481.23	(2,949.25)	1,481.23
7037924246	MAYORS	Yigo Mayor	8,654.60	-	5,238.86	(8,654.60)	5,238.86
8433959204	MAYORS	Sinajana Mayor	12,031.67	-	6,855.39	(12,031.67)	6,855.39
8472200165	MAYORS	Agana Hts. Mayor	9,718.49	-	4,262.14	(9,718.49)	4,262.14
3832327736	MAYORS	Santa Rita Mayor	9,364.39	-	4,825.91	(9,364.39)	4,825.91
3631627996	MAYORS	Mangilao Mayor	6,782.29	-	3,174.24	(6,782.29)	3,174.24
8041715847	MAYORS	Dededo Mayor	14,217.12	-	7,476.70	(14,217.12)	7,476.70
6957205325	MAYORS	Tamuning Mayor	13,894.71	-	7,497.24	(13,894.71)	7,497.24
6078244037	MAYORS	Inarajan Mayor	6,547.39	-	3,935.42	(3,523.91)	6,958.90
7247791682	MAYORS	Agat Mayor	7,266.14	-	3,820.28	(7,266.14)	3,820.28
9351070242	MAYORS	Ordot/Chalan Pago Mayor	2,639.70	-	909.78	(2,061.89)	1,507.59
Sub-total			125,823.97	-	68,352.99	(122,202.58)	71,974.38

### DPW Accounts

0832698062	DPW ACCOUNTS	DPW-Signal Lights	21,030.97	4,840.40	11,866.48	-	37,737.85
0930959866	DPW ACCOUNTS	DPW-Primary St. Lights	329,934.84	6,666.69	77,393.21	-	413,994.74
3045433600	DPW ACCOUNTS	DPW-Village St. Lights	1,011,887.88	42,488.08	327,848.92	-	1,382,224.88
3088040552	DPW ACCOUNTS	DPW-Sec/Coll St. Lights	66,865.22	-	20,532.06	-	87,397.28
Sub-total			1,429,718.91	53,995.17	437,640.67	-	1,921,354.75

### Autonomous/Public Corp

0838495949	AUTONOMOUS/P	Guam Waterworks Authority	1,595,733.84	-	1,861,515.99	(1,595,733.84)	1,861,515.99
1504069298	AUTONOMOUS/P	Retirement Fund	7,106.98	-	7,426.87	(7,106.98)	7,426.87
4075914809	AUTONOMOUS/P	GPA	-	(114,491.25)	114,491.25	-	-
5357510000	AUTONOMOUS/P	University of Guam (NET METERED)	91,785.57	-	100,475.80	(91,785.57)	100,475.80
6518220019	AUTONOMOUS/P	Guam Community College	48,607.03	25.00	52,646.41	(48,607.03)	52,646.41
7736362694	AUTONOMOUS/P	Guam Airport Authority	603,055.06	-	698,625.21	(603,055.06)	698,625.21
8302337726	AUTONOMOUS/P	Guam Memorial Hospital	114,161.07	-	45,928.55	(36,440.02)	123,649.60
8426836906	AUTONOMOUS/P	Guam Memorial Hospital (NET METERED)	591,483.64	-	230,929.14	(192,514.38)	629,898.40

### AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
9,589.50	8,960.89	-	-	-	18,550.39
14,568.75	14,249.88	-	-	-	28,818.63
652.90	-	-	-	-	652.90
30,447.46	9,692.01	-	-	-	40,139.47
5,805.25	5,412.38	34.00	-	-	11,251.63
72,153.68	66,304.14	-	-	-	138,457.82
701.54	703.18	-	-	-	1,404.72
19,124.76	-	-	-	-	19,124.76
106,132.12	97,161.92	-	-	-	203,294.04
14.16	14.16	-	-	-	28.32
248.33	224.02	-	-	-	472.35
291.89	293.69	-	-	-	585.58
1,036.71	-	-	-	-	1,036.71
1,251.21	1,275.08	-	-	-	2,526.29
2,991.73	2,690.77	-	-	-	5,682.50
3,610.13	3,825.01	3,799.80	2,846.88	3,534.55	17,616.37
4,284.03	-	-	-	-	4,284.03
13,934.75	13,624.37	3,111.35	-	-	30,670.47
13,608.93	-	-	-	-	13,608.93
16,385.04	7,136.62	-	-	-	23,521.66
16,399.19	13,895.00	14,398.08	-	-	44,692.27
21,815.55	-	-	-	-	21,815.55
41,129.61	33,559.19	-	-	-	74,688.80
53,029.40	50,510.41	51,234.32	45,632.15	-	200,406.28
15,001.03	14,821.66	-	-	-	29,822.69
23,348.84	21,550.88	21,923.70	10,155.42	-	76,978.84
15,664.18	13,793.48	-	-	-	42,669.51
1,220,074.92	48,151.15	-	-	-	1,268,226.07
57,942.47	40,436.30	-	-	-	98,378.77
1,781,238.06	468,286.19	107,713.10	58,634.45	3,534.55	2,419,406.35

978.28	-	-	-	-	978.28
1,628.22	-	-	-	-	1,628.22
1,888.66	-	-	-	-	1,888.66
2,021.94	0.10	-	-	-	2,022.04
1,892.07	-	-	-	-	1,892.07
1,337.61	-	-	-	-	1,337.61
4,187.66	-	-	-	-	4,187.66
4,941.36	-	-	-	-	4,941.36
1,481.23	-	-	-	-	1,481.23
5,238.86	-	-	-	-	5,238.86
6,855.39	-	-	-	-	6,855.39
4,262.14	-	-	-	-	4,262.14
4,825.91	-	-	-	-	4,825.91
3,174.24	-	-	-	-	3,174.24
7,476.70	-	-	-	-	7,476.70
7,497.24	-	-	-	-	7,497.24
3,935.42	3,023.48	-	-	-	6,958.90
3,820.28	-	-	-	0.00	3,820.28
909.78	597.81	-	-	-	1,507.59
68,352.99	3,621.39	-	-	0.00	71,974.38

11,866.48	15,259.41	10,611.96	-	-	37,737.85
77,393.21	83,747.79	75,569.23	77,453.67	99,830.84	413,994.74
333,387.67	366,297.81	321,135.64	329,329.86	32,073.90	1,382,224.88
20,532.06	20,574.89	20,074.87	20,583.09	5,633.67	87,397.28
443,179.42	485,879.60	427,391.70	427,366.62	137,537.41	1,921,354.75

1,861,515.99	-	-	-	-	1,861,515.99
7,426.87	-	-	-	-	7,426.87
-	-	-	-	-	-
100,475.80	-	-	-	-	100,475.80
52,646.41	-	-	-	-	52,646.41
698,625.21	-	-	-	-	698,625.21
45,928.55	39,043.54	38,677.51	-	-	123,649.60
230,929.14	199,190.58	199,778.68	-	-	629,898.40

# GPA Work Session - August 18, 2022 - GM REPORT UPDATES

## GUAM POWER AUTHORITY

### GOVERNMENT ACCOUNTS RECEIVABLE

Billing up to July 31, 2022 and payments as of 08/11/2022

	Current (07/31/2022 Billing due 08/31/2022)
	31 days Arrears 06/30/2022 due 07/31/2022)
	61 days and over Arrears (05/30/22 billing due 06/30/2022)

CC&B New Acct Number		DEPARTMENT	CC&B BALANCE 06/30/2022	CANCEL/REBILL/ SPEC CHARGE 08/11/2022	BILLING 07/31/2022	PAYMENT UP TO 08/11/2022	CC&B BALANCE 08/11/2022
9157510000	AUTONOMOUS	Guam Community College (NET METERED)	47,780.90	-	54,241.97	(47,780.90)	54,241.97
0563872892	AUTONOMOUS	Guam Housing Corp Rental Division	1,378.84	26.24	1,378.21	(2,783.29)	-
9173210000	AUTONOMOUS	Guam Solid Waste Authority	9,253.05	-	10,064.12	(9,253.05)	10,064.12
5434075703	AUTONOMOUS	University of Guam	240,089.30	(3,684.79)	241,254.52	(240,089.30)	237,569.73
1699407298	AUTONOMOUS	G H U R A	64,954.09	-	33,988.31	(48,949.60)	49,992.80
4474308144	AUTONOMOUS	Port Authority of Guam	217,859.52	-	130,291.25	(217,859.52)	130,291.25
Sub-total			3,633,248.89	(118,124.80)	3,583,232.60	(3,141,958.54)	3,956,398.15

#### Others

3209463043	OTHERS	Dept. of Military Affairs (NET METERED)	46,620.33	-	22,875.48	(46,620.33)	22,875.48
4530787043	OTHERS	U.S. Post Office	51,153.24	-	51,732.82	(51,153.24)	51,732.82
6000770566	OTHERS	KGTf	28,994.46	-	6,923.58	(19,103.18)	16,754.86
6602566745	OTHERS	Tamuning Post Office	6,985.57	-	8,034.47	(6,985.57)	8,034.47
7541928173	OTHERS	Guam Legislature	474.85	-	508.40	(983.25)	-
8108458168	OTHERS	Guam Post Office (Agana)	7,621.63	-	8,556.89	(7,621.63)	8,556.89
8353274954	OTHERS	Superior Court of Guam	66,259.38	-	74,671.27	(66,259.38)	74,671.27
8607446612	OTHERS	Dept. of Military Affairs	203,382.94	-	102,675.06	(203,382.94)	102,675.06
8972267005	OTHERS	Customs & Quarantine Agency	2,311.69	-	850.65	-	3,162.34
9503154359	OTHERS	Guam Legislature (NET METERED)	10,505.02	-	11,016.85	(21,521.87)	-
Sub-total			424,309.11	-	287,845.47	(423,691.39)	288,463.19

Grand Total 11,302,728.65 (114,491.25) 6,164,689.49 (8,552,528.01) 8,800,398.88

#### AGING

0-30 Days	31-60 Days	61-90 Days	91-120 Days	>120 Days	Total
54,241.97	-	-	-	-	54,241.97
-	-	-	-	-	-
10,064.12	-	-	-	-	10,064.12
237,569.73	-	-	-	-	237,569.73
33,988.31	16,004.49	-	-	-	49,992.80
130,291.25	-	-	-	-	130,291.25
3,463,703.35	254,238.61	238,456.19	-	-	3,956,398.15

22,875.48	-	-	-	-	22,875.48
51,732.82	-	-	-	-	51,732.82
6,923.58	9,831.28	-	-	-	16,754.86
8,034.47	-	-	-	-	8,034.47
-	-	-	-	-	-
8,556.89	-	-	-	-	8,556.89
74,671.27	-	-	-	-	74,671.27
102,675.06	-	-	-	-	102,675.06
850.65	796.23	905.85	609.61	-	3,162.34
-	-	-	-	-	-
276,320.22	10,627.51	905.85	609.61	-	288,463.19

6,037,268.54 1,316,146.64 815,476.05 486,610.68 144,896.97 8,800,398.88