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

GUAM POWER AUTHORITY WORK SESSION

CCU Conference Room
4:30 p.m., Thursday, April 18, 2019

AGENDA

1. **ISSUES FOR DECISION**

2. **GM REPORT**
   - 2.1 **GM Summary**

3. **ISSUES FOR DISCUSSION**
   - 3.1 **Renewable Portfolio Standard**
   - 3.2 **GPA's Workforce Planning**
   - 3.3 **Standby Generators**

4. **DIVISION REPORTS**
   - 4.1 **Administration: Customer Service, HR, Procurement, Safety**
   - 4.2 **Engineering & Technical: Engineering, IT, Planning & Regulatory, SPORD**
   - 4.3 **Finance Reports**
   - 4.4 **Operations: Facilities, Generation, PSCC, T&D, Transportation**
   - 4.5 **Public Information Office**

5. **ANNOUNCEMENTS**
   - 5.1 **Next Meeting: CCU Meeting – April 25, 2019**

6 **ADJOURNMENT**

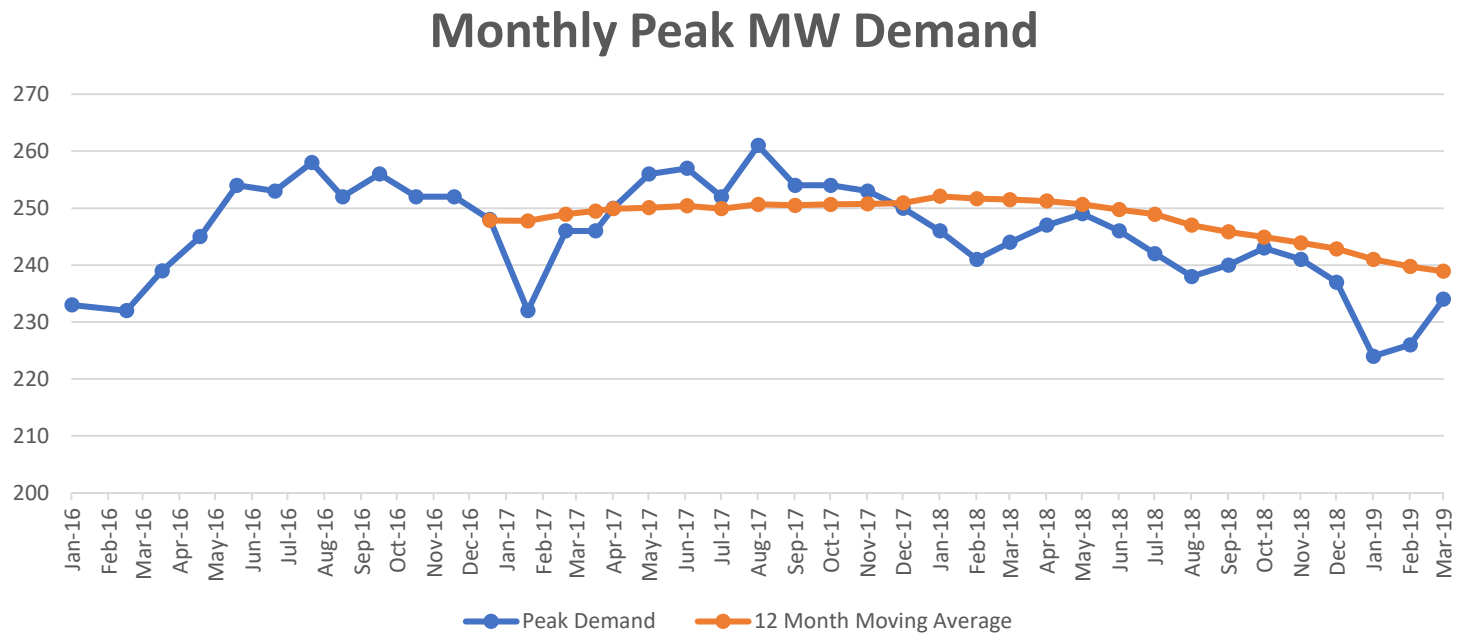
GENERAL MANAGER'S REPORT

APRIL 2019

1. **Generation System:** The following summarizes the generation forecast for May 2019:

Projected Available Capacity:	397 MW
Projected Demand:	245 MW
Anticipated Reserve Margin:	152 MW

- **Demand estimated to be lower than May 2019.** The following shows the Peak demand from January 2017 to March 2019 and the 12-months trend:



Demand Side Management (DSM)

2. Program directly reduces energy cost to customer at a one time fixed rebate. GPA currently funded $3.9M from base rate. The program is growing exponentially and it is expected the base rate will not be able to fund the growth.

DSM PROGRAM SUMMARY

Description	FY16	FY17	FY18	FY19 thru 1/31/19*	Total to Date
Regular/OT Pay	$11,348.80	$22,256.00	$26,121.83	$14,397.99	$74,124.62
Other Contractual	$28,278.50	$85,550.05	$116,977.50	$3,025.00	$233,831.05
Bank Fees	$ 155.00	$ 1,032.06	$ 1,085.08	$ 80.00	$2,352.14
Paid Rebates-Split AC	$ 154,700.00	$ 557,275.00	$1,247,000.00	$ 318,900.00	$2,277,875.00
Paid Rebates- Central AC	$ 3,400.00	$ 8,200.00	$ 4,400.00	$ -	$16,000.00
Paid Rebates- Washer/Dryer	$ 2,800.00	$ 7,425.00	$ 48,800.00	$ 27,000.00	$86,025.00
Total Expenses	$200,682.30	$681,738.11	$1,444,384.41	$363,402.99	$2,690,207.81

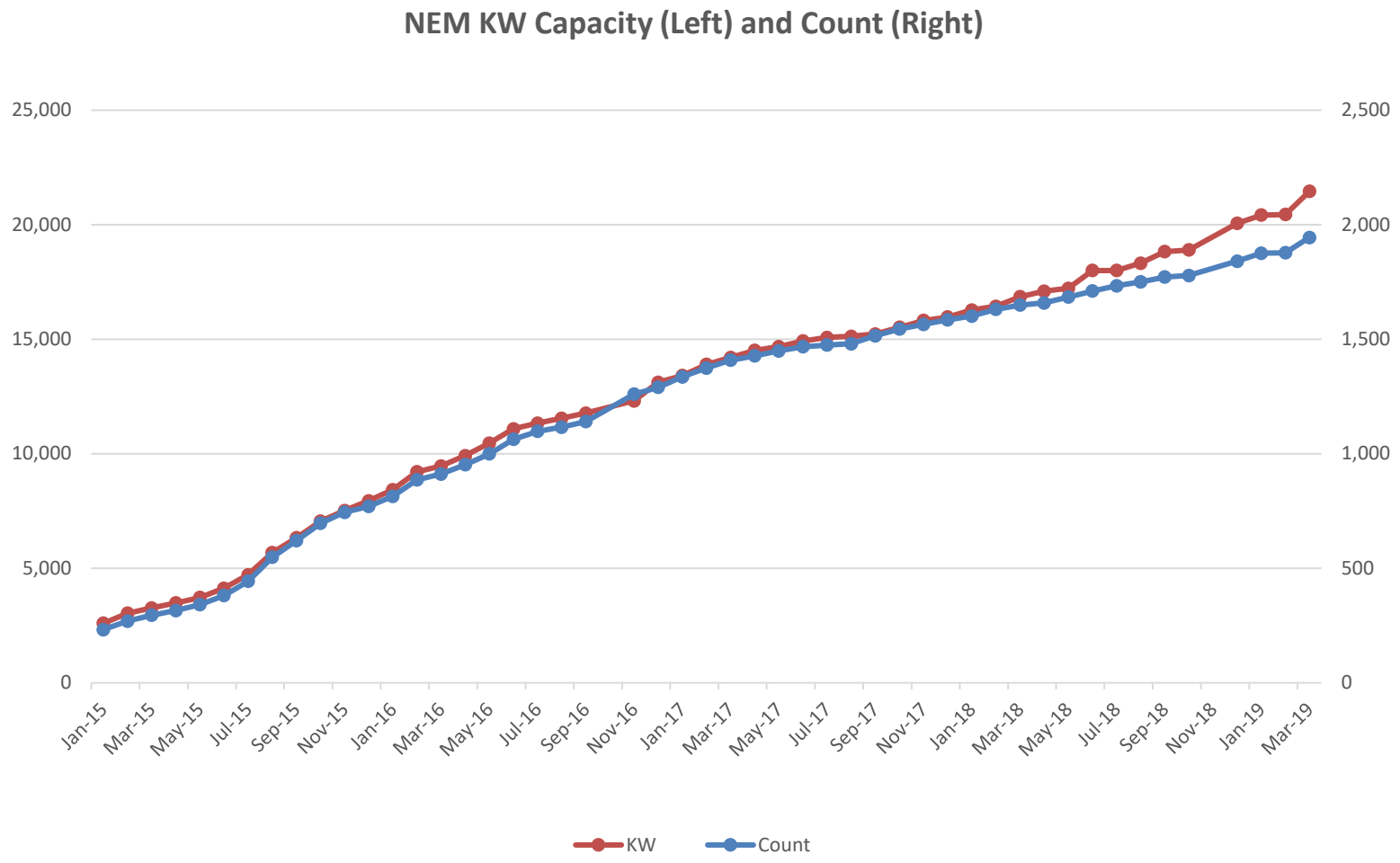
3. Net Metering (NEM) Credit Adjustment:

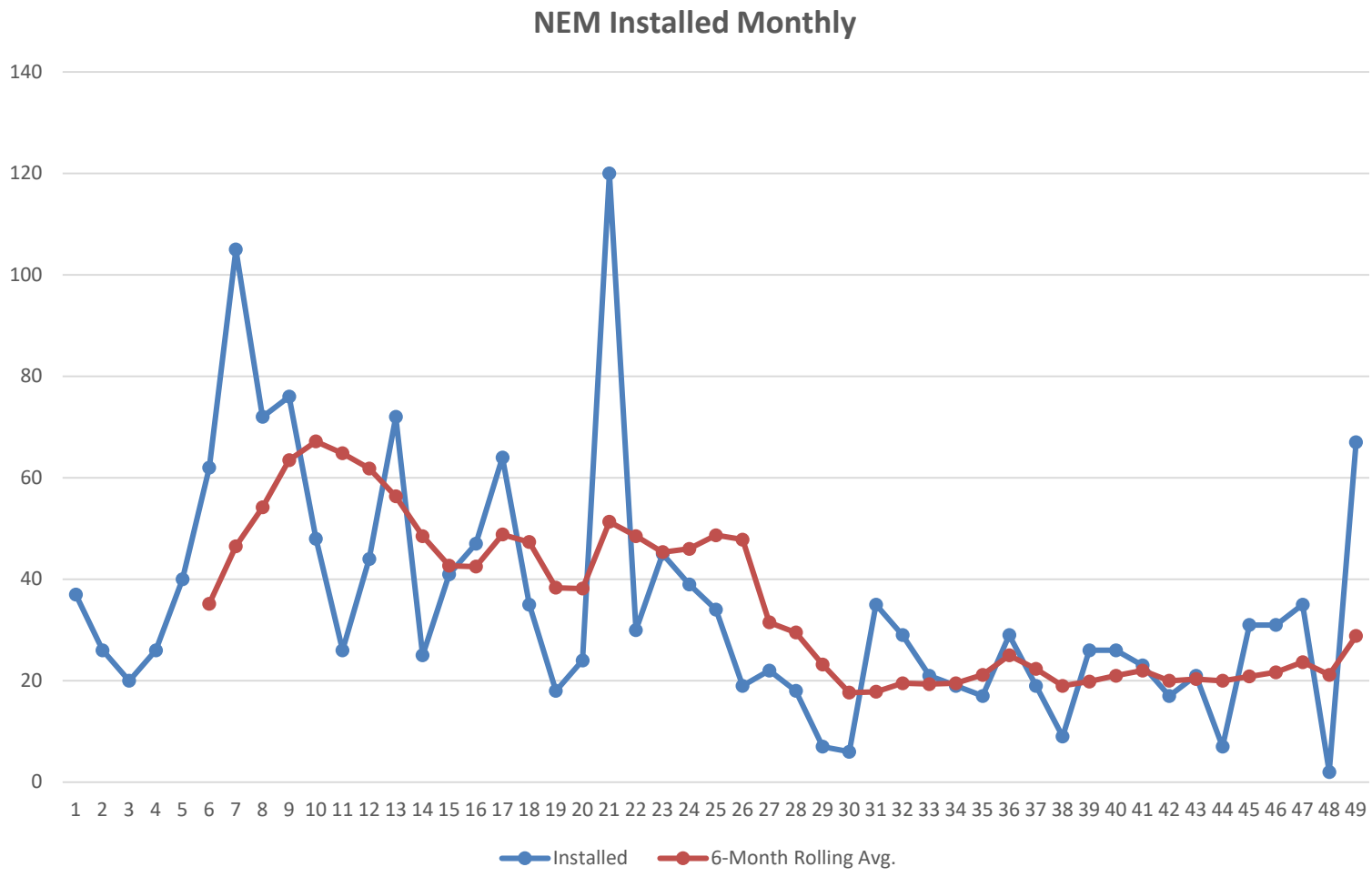
CCU approved GPA filing a petition to the PUC to consider changes to the existing net metering credit. GPA filed with PUC for adjustment of net metering credits from retail to avoided cost with a grandfather phase-out approach over 5 years to the GPA avoided cost credit. PUC engaged its consultant Daymark to review the petition and work is on-going at this time. The following summarizes Net Metering Customers as of March 2019:

Net Metering Summary Ending March 2019:

Description:	**Count**	**Kw**
Active	**1,944**	**21,453**
Pending	1	7
Totals:	1,945	21,460

Service:	**Count**	**KW**	**Kw/Customer**
Residential	1,839	17,132	9.3
Others	105	4,321	41.2
Total:	1,944	21,453	11.0
% Residential	**94.6%**	**79.9%**	
Estimated 12 Months Revenue Impact:	**$3,407,351**		


NEM KW Capacity (Left) and Count (Right)
25,000
20,000
15,000
10,000
5,000
0
2,500
2,000
1,500
1,000
500
0
Jan-15
Mar-15
May-15
Jul-15
Sep-15
Nov-15
Jan-16
Mar-16
May-16
Jul-16
Sep-16
Nov-16
Jan-17
Mar-17
May-17
Jul-17
Sep-17
Nov-17
Jan-18
Mar-18
May-18
Jul-18
Sep-18
Nov-18
Jan-19
Mar-19
KW
Count


NEM Installed Monthly
140
120
100
80
60
40
20
0
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49
Installed
6-Month Rolling Avg.

4. PUC NEM Public Hearings:

   Three NEM public hearings were held by the Public Utilities Commission between March 26th to April 4th regarding GPA's petition for Modification of Current Net Metering Rider (GPA Docket No. 19-04). The GPA docket is on the agenda for the April PUC Meeting, but a decision on the petition is not expected that night.

5. GPA's Village Management Program (VMP):

   GPA held its meeting on March 29th with **eight** out of the nine village Mayors participating in the meeting for vegetation management and power pole painting project. The agenda included review of the process, the nuts & bolts of the program and a hands-on use of the **See/Click/Fix app** was performed. A detail presentation of the process is provided.

6. Bill No. 70-35 (LS) & Bill No. 80-35 (COR):

   Bill No. 70-35 was introduced by Senator Telo Taitague relative to creating a task force concerning used oil disposal. A public hearing was held today at 1pm on this issue.

   Bill No. 80-35 was recently introduced by Senator Amanda Shelton relative to raising the Renewable Portfolio Standard (RPS) from 25% to 50% by 2035. I have included this in the issue for discussion part of the CCU meeting.

7. GPA's Budget Calls and Review Schedule:

Guam Power Authority
FY2020 Proposed Budget Call Timelines

Dates: **	Description:	April	May	June	July	August	Sept	Oct
4/15/2019	Budget Call Issuance							
4/15/19- 5/17/2019	Budget Call Training to cost centers							
5/17/19	FY2020 Budget Submission Deadline							
5/20/19 to 6/7/19	Budget Office Compliation and Review							
6/10/19 to 6/21/19	CFO budget reviews with cost centers							
6/24/19 to 6/28/19	Budget Office Compliation based on CFO review							
7/1/19 to 7/12/19	General Manager Budget Reviews							
7/15/19 to 7/26/19	Budget Office Compliation based on GM review							
7/29/19 to 8/2/19	Budget Review with Commissioner Santos (Budget Chairman)							
8/5/19 to 8/16/19	Budget Office Compliation based on Comm Santos reviews							
8/22/2019	CCU budget working sessions/reviews							
8/27/19	FY2020 CCU Budget Approval (CCU meeting)							
8/28/19 to 9/13/19	FY2020 Preparation Budget Package for Cost Centers							
9/13/2019	Submission FY2020 PUC Ceiling Cap (deadline 9/15 each year)							
9/16/19 to 9/20/19	JDE budget training							
9/23-27/2019	Preparation of FY2020 Approved budgets to PUC, Bank, Bondholders, etc. (Deadline 9/30/ each year)							
10/1/2019	Start of FY2020 !							

**Subject to change

4/10/20193:51 PM

FY2020 Budget Call timeline (proposed as of 4-10-19)

8. Update on New Power Plant Bid Opening:
   - The technical proposals for the new power plant were received on April 2, 2019 at 4pm.
   - Four Bidders out of the seven short listed bidders submitted a proposal, namely:
     - Osaka Gas Co., Ltd.
     - Powerflex LLC (c/o Wartsila Development and Financial Services)
     - Hanwha Energy Corporation
     - Korea Electric Power Corporation

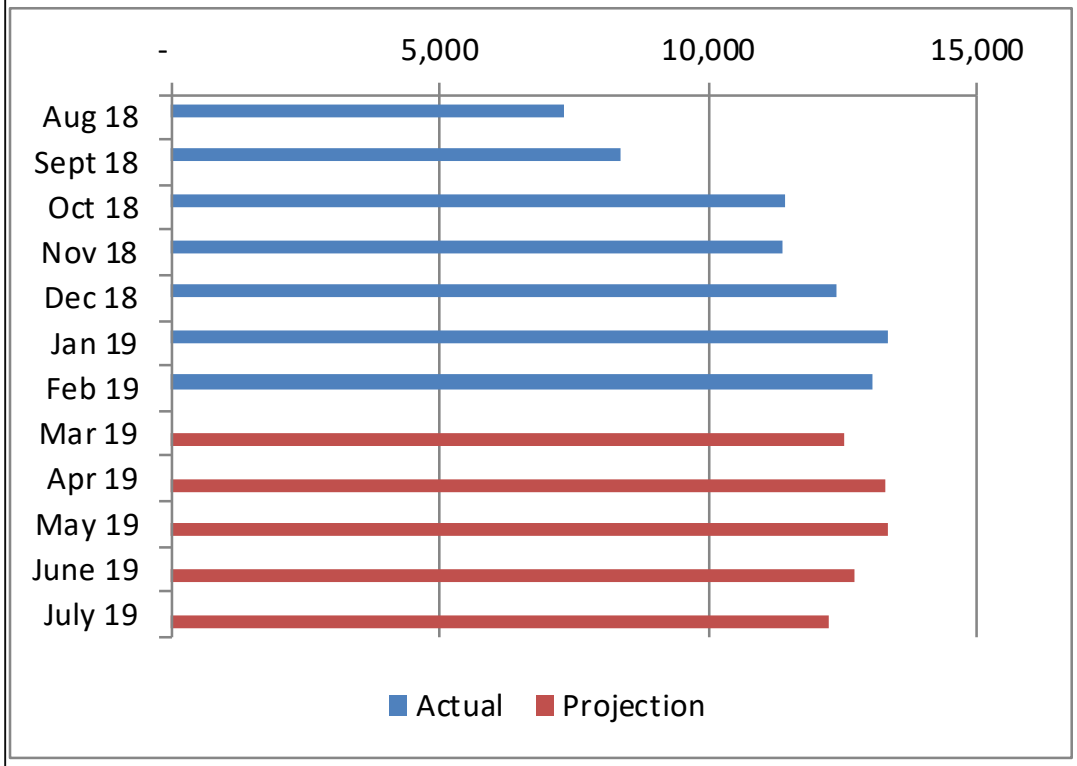
   - Proposals are now undergoing technical reviews for acceptability and compliance with bid specifications

   - Bid Schedule:
     - May 13, 2019 – Notified bidders on acceptability of their proposal
     - May 31, 2019 – Deadline to receive price proposal from acceptable bidders
     - June 3, 2019 – Public bid pricing opening date is at 9am at the GPA Procurement Conference Room
     - June 19, 2019 – Complete initial evaluation of price submittals
     - September 18, 2019, target date to have a contract ready for approval by the CCU and PUC

9. March Data - Update on LEAC

LEAC Under Recovery Balance

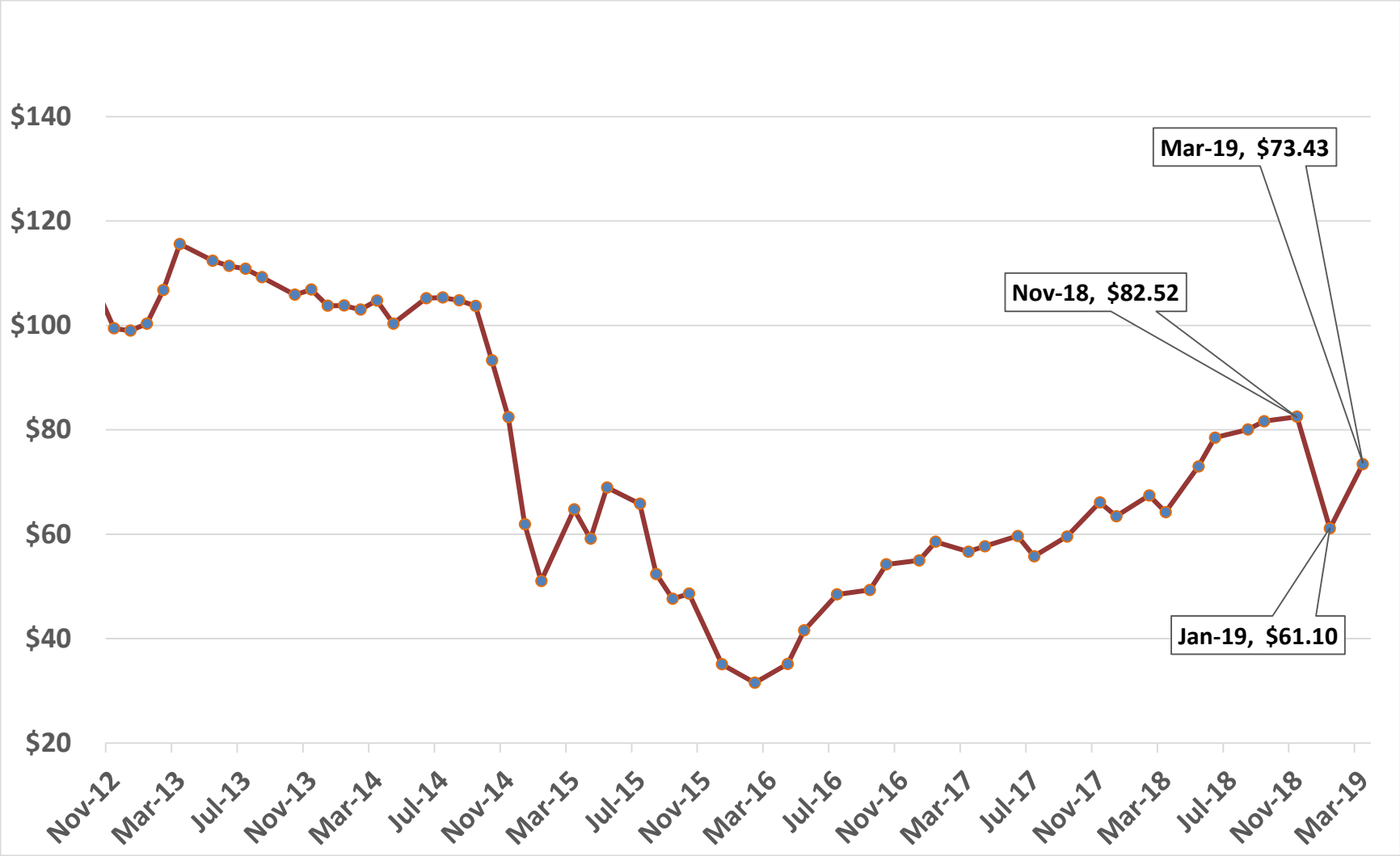
LEAC



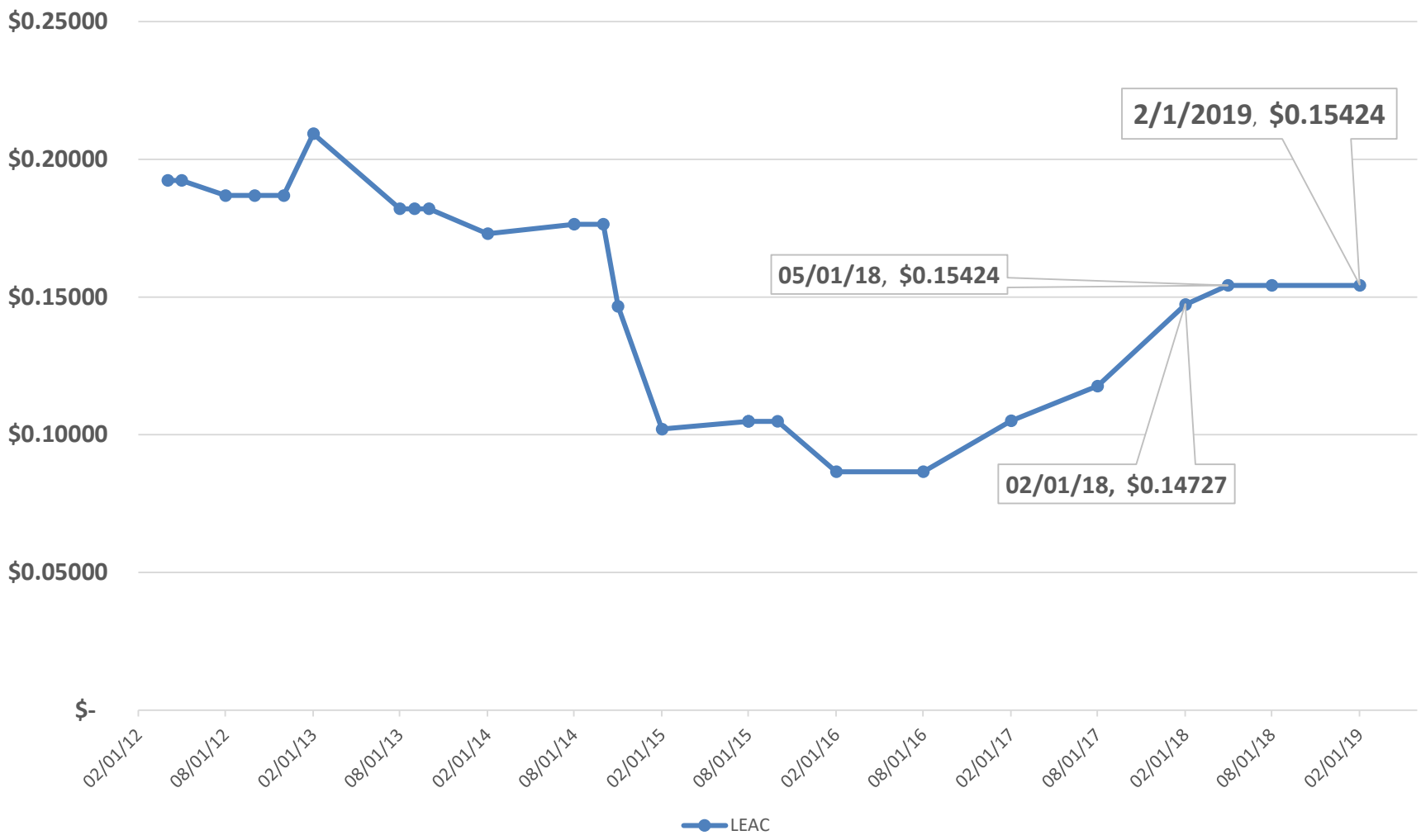
Through February 28, 2019

(Unearned)/ Under Recovered	'000 Actual	Projection [1]
Aug 18	7,313	
Sept 18	8,371	
Oct 18	11,411	
Nov 18	11,368	
Dec 18	12,375	
Jan 19	13,337	
Feb 19	13,052	
Mar 19		12,517
Apr 19		13,270
May 19		13,323
June 19		12,709
July 19		12,227

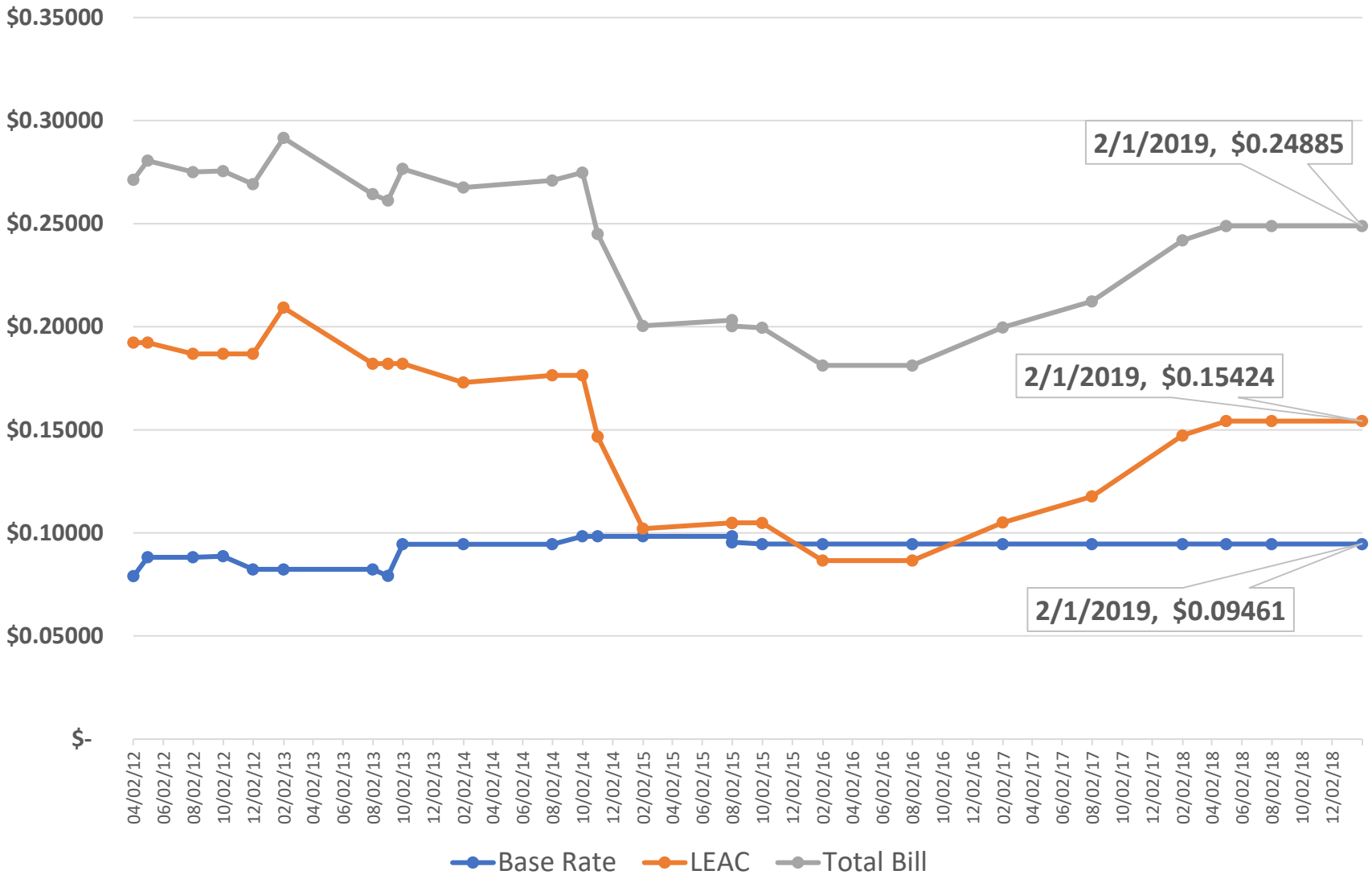
LEAC Update – GPA Fuel Purchases (Per Barrel)



Historical Residential LEAC Rate



Historical Residential Rate



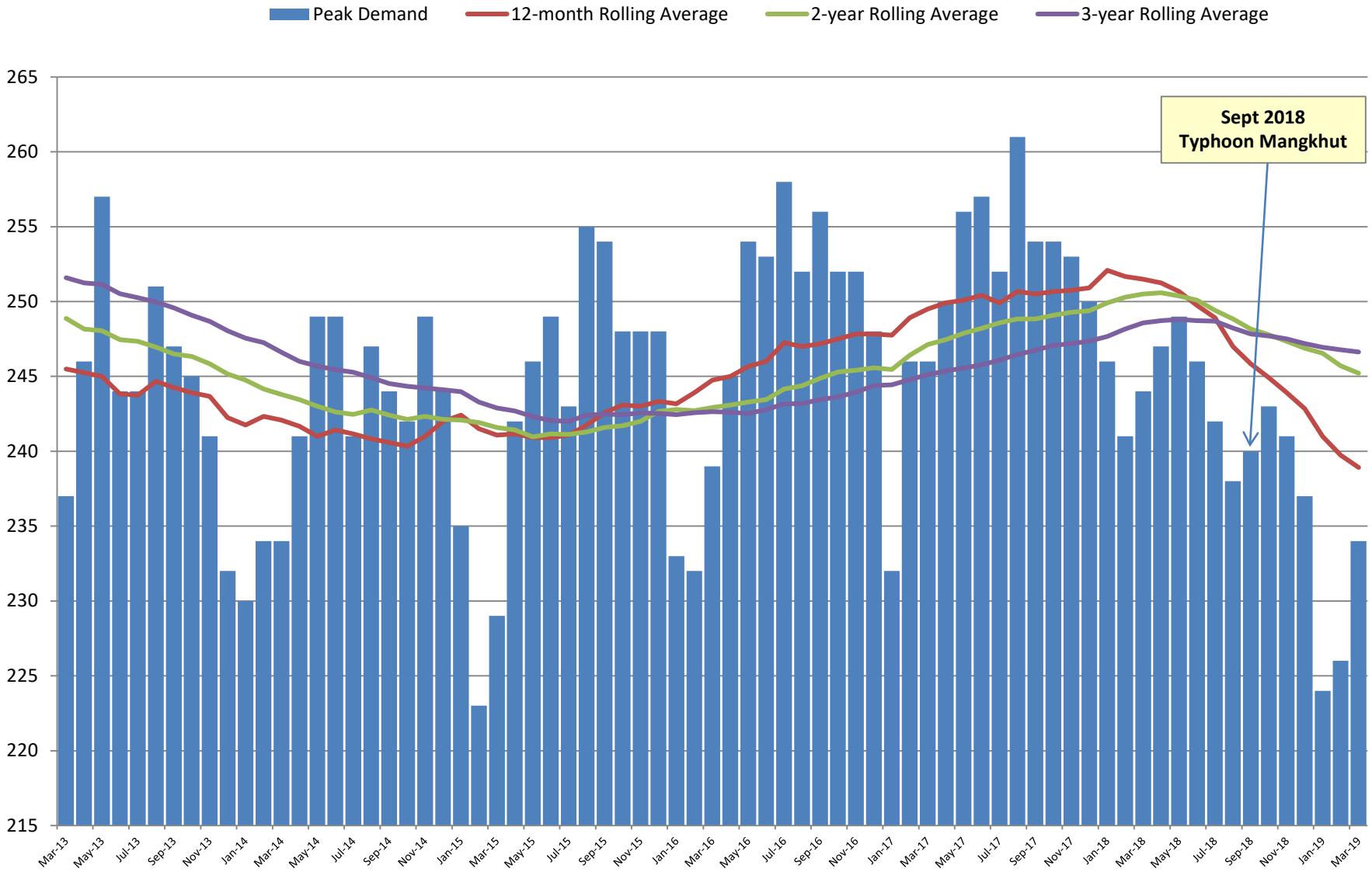
Historical LEAC Over (Under) Recovery

LEAC Period From	LEAC Period To	Approved LEAC Rate	Actual Over (Under) Recovery	
4/1/2012	7/31/2012	$ 0.192310	$ (3,040,418)	
8/1/2012	1/31/2013	$ 0.186834	$ (2,494,052)	
2/1/2013	7/31/2013	$ 0.209271	$ 1,345,259	
8/1/2013	10/31/2013	$ 0.182054	$ 1,300,093	
2/1/2014	7/31/2014	$ 0.172986	$ (1,137,034)	
8/1/2014	10/31/2014	$ 0.176441	$ (4,646,872)	
11/1/2014	1/31/2015	$ 0.146666	$ 661,428	
2/1/2015	7/31/2015	$ 0.102054	$ 1,757,878	
8/1/2015	1/31/2016	$ 0.104871	$ (2,467,151)	
2/1/2016	7/31/2016	$ 0.086613	$ (2,668,603)	
8/1/2016	1/31/2017	$ 0.086613	$ (9,915,360)	
			$ (5,315,360)	(a)
2/1/2017	7/31/2017	$ 0.105051	$ (14,050,504)	
8/1/2017	01/31/1018	$ 0.117718	$ (16,775,982)	
2/1/2018	4/30/2018	$ 0.147266	$ (13,005,689)	
5/1/2018	7/31/2018	$ 0.154242	$ (8,422,674)	
8/1/2018	1/31/2019	$ 0.154242	$ (13,336,698)	
2/1/2019	7/31/2019	$ 0.154242	$ (12,226,646)	Estimate

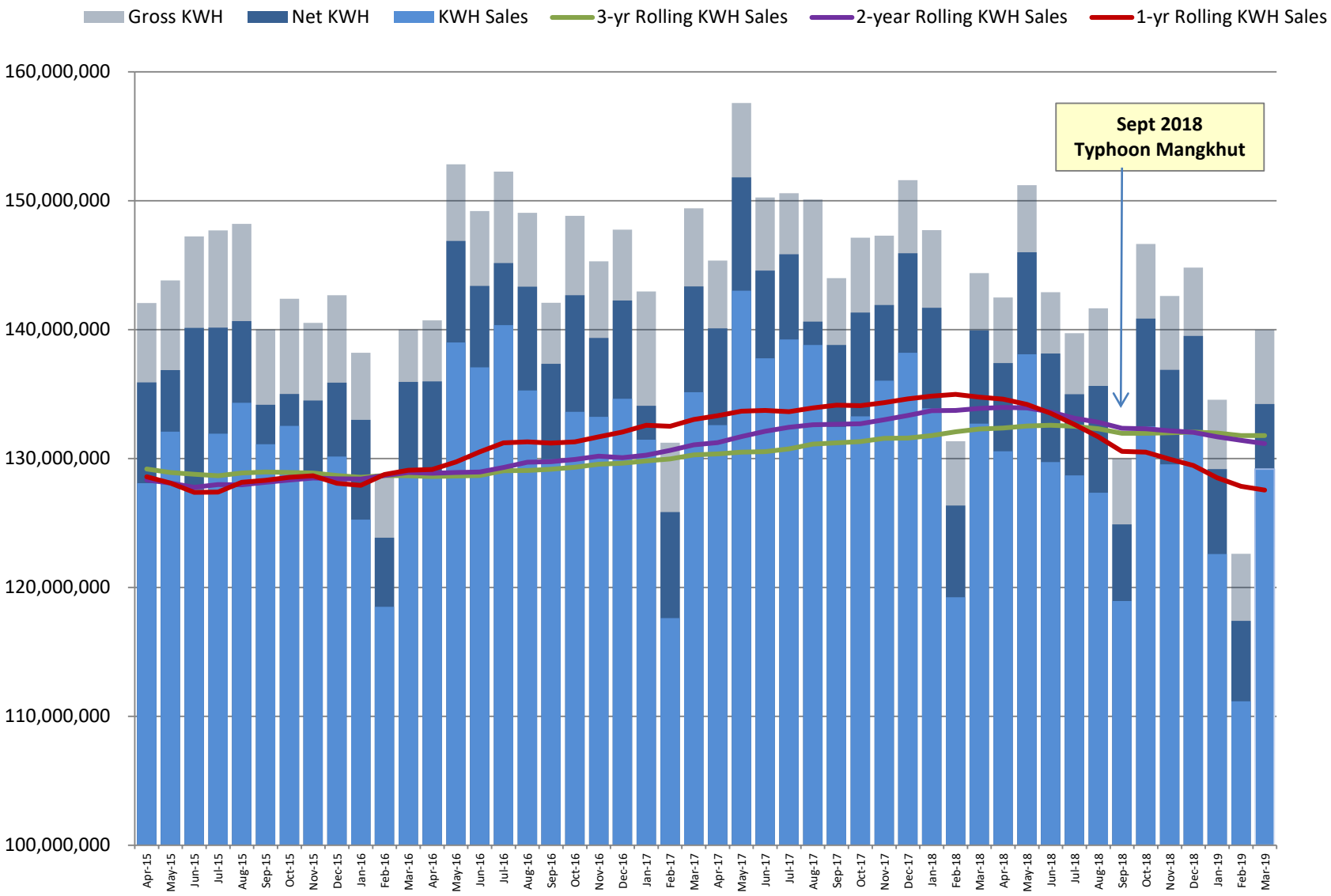
a) Under-recovery Balance after applying the $4.6 million from the Cabras 3&4 Extra Expense claim

10. Generation KPI's – March 2019

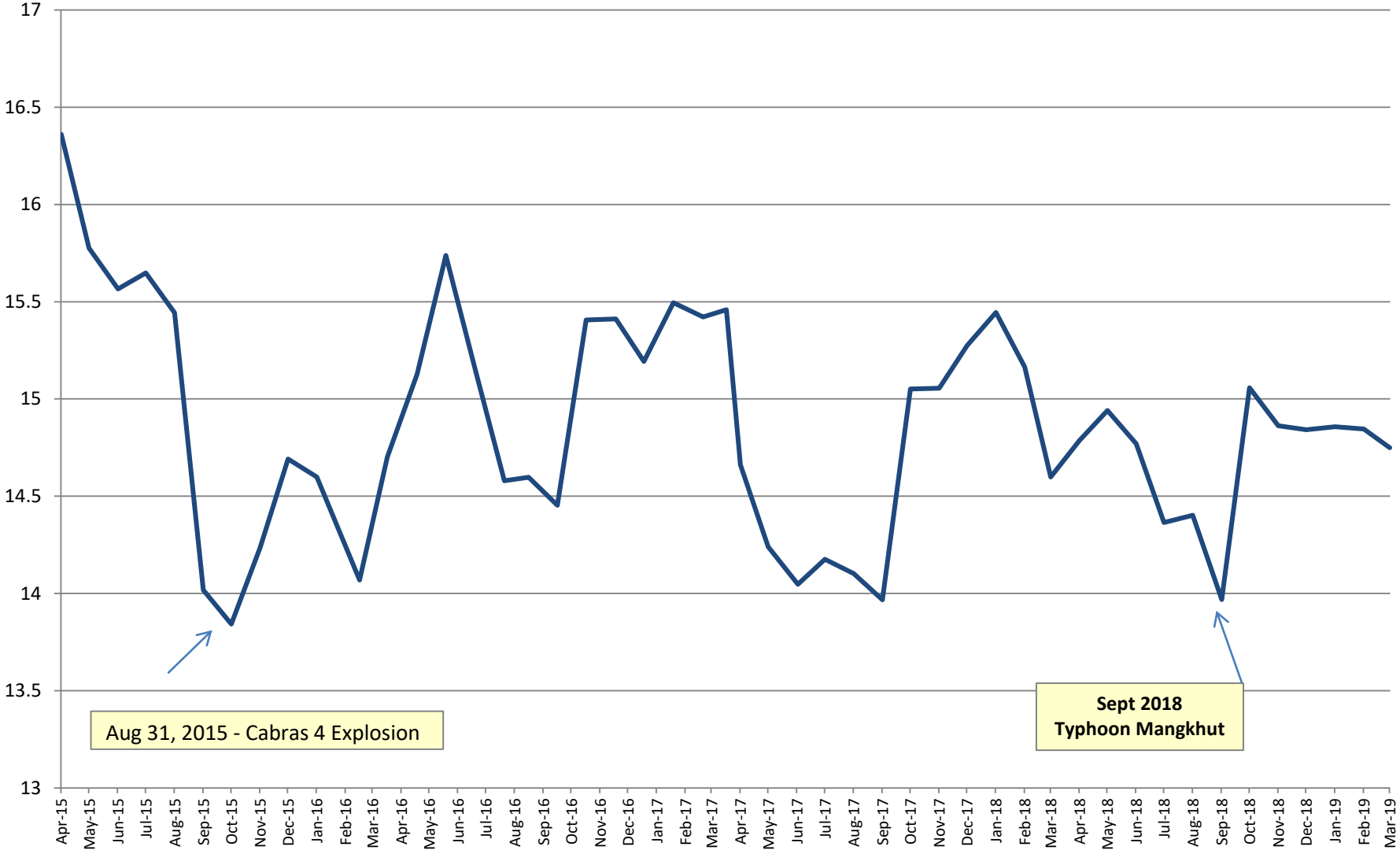
Historical Monthly Peak Demand
March 2013 - March 2019



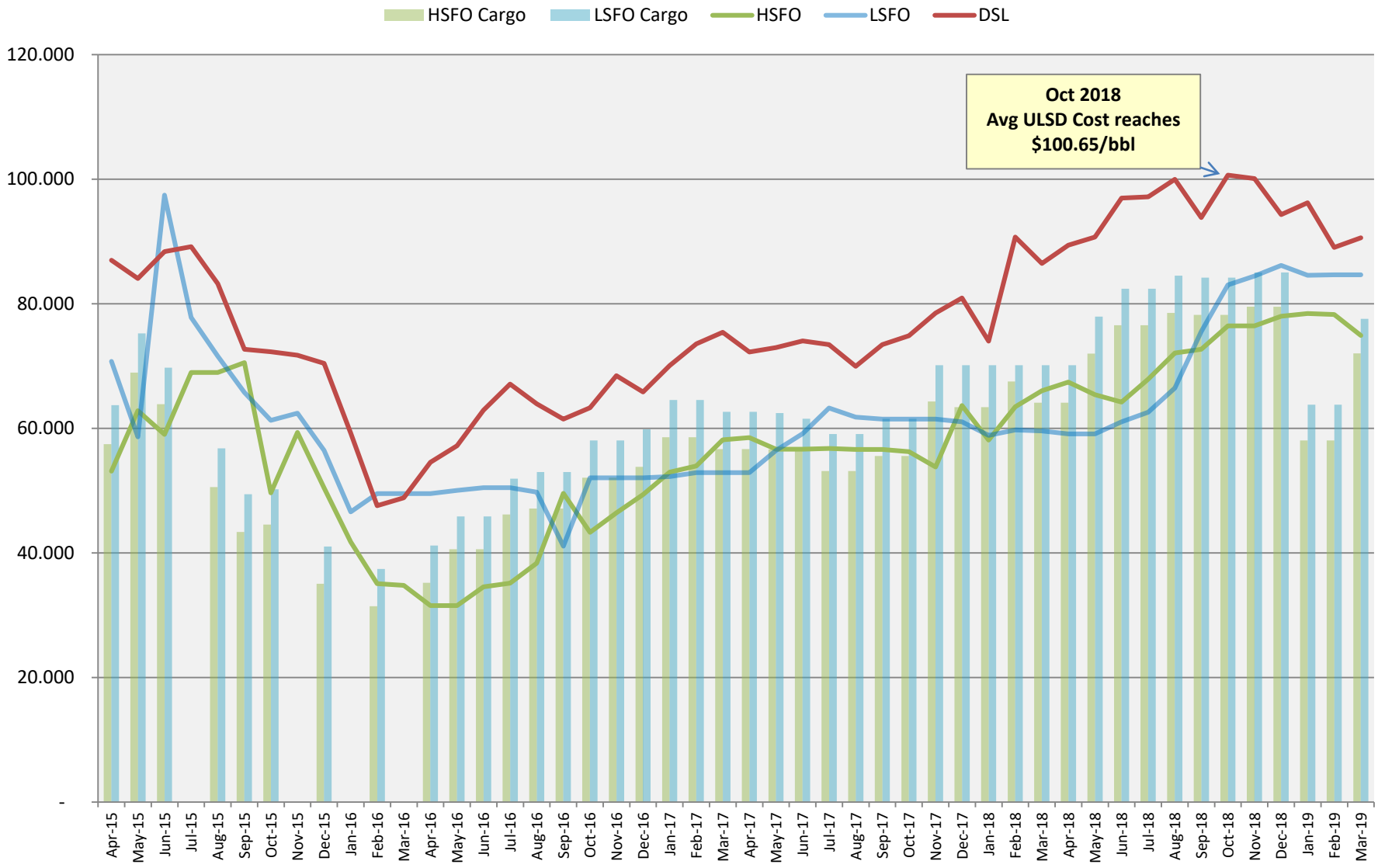
Historical KWH Sales
April 2015 - March 2019



SYSTEM GROSS HEAT RATE
(KWH/Gal)
April 2015 - March 2019



Fuel Cargo and Fuel Consumption Costs ($/bbl)
April 2015 - March 2019



VILLAGE MANAGEMENT PROGRAM (VMP)

Vegetation Maintenance
Power Pole Painting

March 29, 2019

Gloria B. Nelson Public Service Building

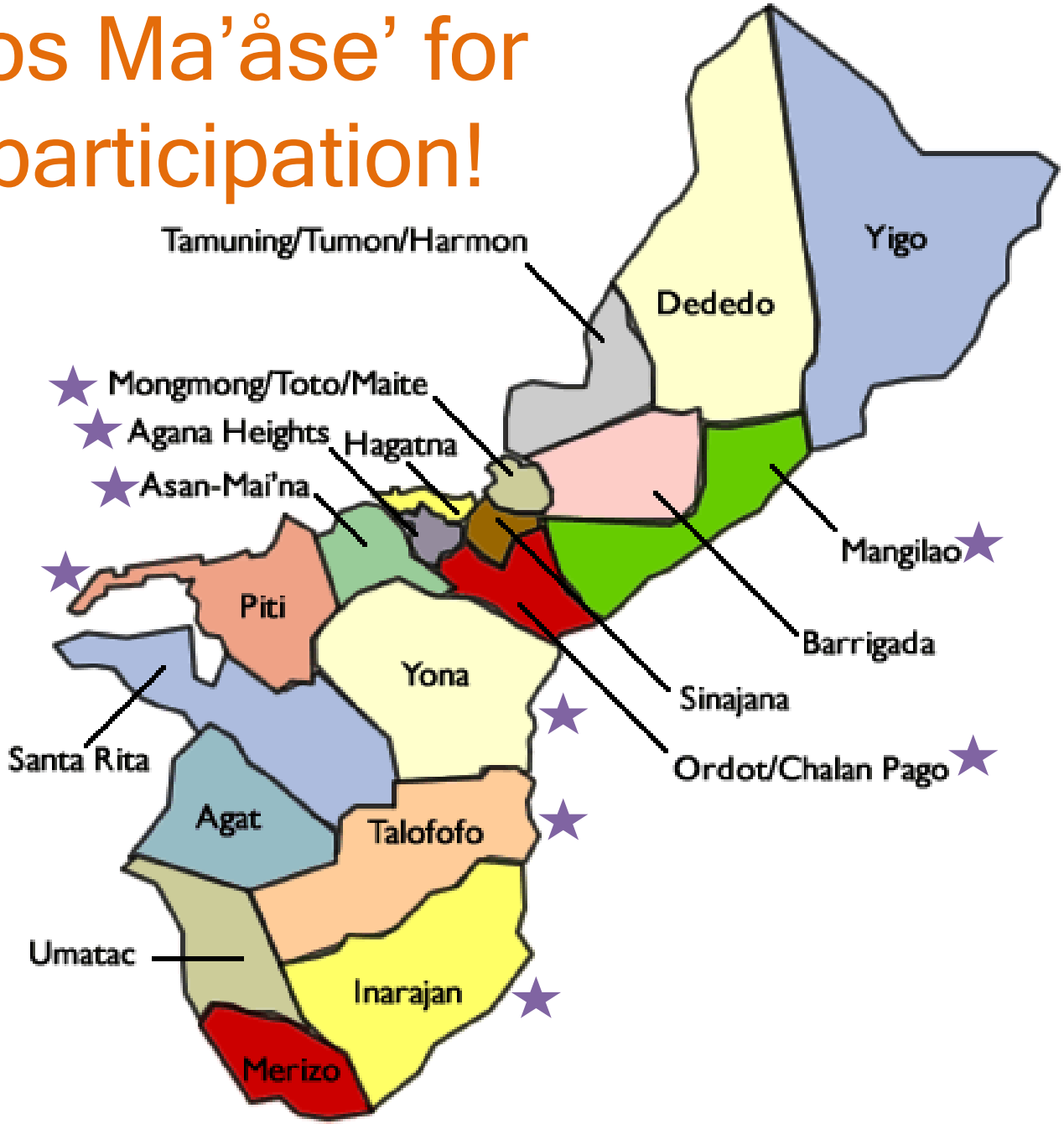
Fadian, Mangilao

PRESENTERS:
Melinda C. Mafnas - Assistant General Manager, Operations
Tricee P. Limtiaco - Assistant General Manager, Administration

AGENDA

- Purpose
- Process Overview
- Nuts & Bolts
- Hands-On App Use

Si Yu'os Ma'åse' for your participation!



Village Management Program (VMP)

- Collaborative effort between Guam Power Authority & participating village Mayors
- Reduce outages
- Reduce auto-pole collisions
- Exchange of in-kind services
- Village beautification

PROCESS OVERVIEW

1. Site visit with GPA
2. Work on only those areas agreed upon (GPA-issued maps)
3. Document before performing
4. Paint poles & clear vegetation in clear zone
5. Document completion

NUTS & BOLTS: Accountability

- MOU
- Interagency Work Agreement
- Work Completion Form
- Credit Tracking Form

GPA VILLAGE MANAGEMENT PROGRAM
AGREEMENT
MEMORANDUM OF UNDERSTANDING

This Memorandum of Understanding (MOU) is made the _____ day of _____, 201__, by and between the Guam Power Authority (GPA) and the Village of _____ to participate in the Village Management Program (VMP).

WITNESSETH THAT:

Whereas, GPA operates transmission and distribution power lines along public rights-of-way island wide;

Whereas, GPA's mission is to provide reliable delivery of electric service to our customers;

Whereas, vegetation in and around power lines is a safety hazard and a leading cause of power outages;

Whereas, the Guam Power Authority will contract the village mayors to clear trees and other vegetation a safe distance away from power lines through the GPA Village Management Program (VMP)

Whereas, village mayors will paint concrete power poles along main roadways to easily identify GPA poles;

Whereas, GPA and village mayors must ensure operations are conducted in a safe, effective manner and in conformity with applicable laws, regulations, and permit conditions;

Whereas, GPA shall issue maps of rights-of-way under the purview of the 19 village mayors to manage vegetation and pole painting within their village boundaries;

Whereas, the GPA Transmission & Distribution (T&D) division shall be responsible for trimming vegetation in the critical zone;

Whereas, the village mayors shall be responsible for trimming and grounds keeping around power lines as designated and mapped by GPA within the clear zone;

Whereas, all parties are responsible for compliance with applicable safety codes including OSHA, the National Electrical Safety Code (latest edition), and the National Electrical Code (latest edition);

Whereas, GPA will compensate participating village mayors with in kind services on a monthly basis for maintaining vegetation away from the critical zone;

Whereas, GPA will conduct site inspections to determine progress and monitor outages to determine effectiveness of the program;

VILLAGE MANAGEMENT PROGRAM
WAIVER OF LIABILITY

On this _____ day of _____, 201_ the undersigned hereby releases the Guam Power Authority from liability and agrees to indemnify GPA and hold harmless GPA's employees, representatives, and agents for any personal injuries, loss or damage to property arising from activities in the Village Management Program as well as any and all claims or attorney fees arising out of or in connection with the event. The undersigned agrees to comply with the rules and regulations set forth by the Guam Power Authority and the safety provisions established for the Village Management Program.

VILLAGE NAME

_____

Authorized Representative

_____ _____
Name Title

_____ _____
Signature Date

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

FORM A
VILLAGE MANAGEMENT PROGRAM
Work Completion Form

Village: _____ GPA Account #: _____
Mayor: _____
Date: _____
Form # _____

	Feeder	Area Description	Linear Foot	Pole Quantity
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				

*Pictures must be attached and numbered in line with the numbered items above.

Mayor's Authorized Representative

_____ _____
Name Title

_____ _____
Signature Date

GPA Authorized Representative

_____ _____
Name Title

_____ _____
Signature Date

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

FORM B
VILLAGE MANAGEMENT PROGRAM
Credit Tracking Form

Village: _____ GPA Account #: _____
Mayor: _____

	Form #	Date	Vegetation Credit Earned	Pole Painting Credit Earned
1				
2				
3				
4				
5				
	TOTAL EARNED			
	GRAND TOTAL			
	Request W.O.	Date	Cost Estimate	Date Completed
1				
2				
3				
4				
5				
	TOTAL COST			
	BALANCE OF CREDIT			

Mayor's Authorized Representative

_____ _____
Name Title

_____ _____
Signature Date

GPA Authorized Representative

_____ _____
Name Title

_____ _____
Signature Date

NUTS & BOLTS: Documentation

NUTS & BOLTS: Responsibilities

MAYOR

- Perform work
- Document
- Use credits

GPA

- Initial clearing (vegetation)
- Provide maps & app
- Provide paint (power poles)
- Charge services against VMP credits
- Manage program

NUTS & BOLTS: Responsibilities

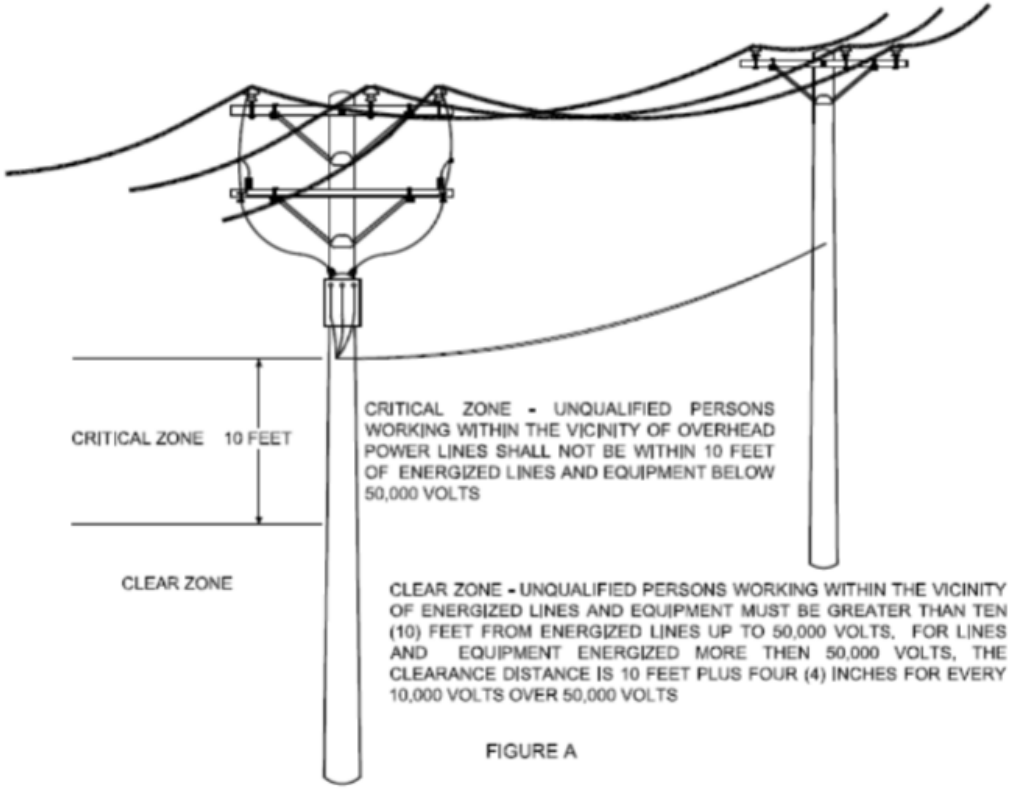


FIGURE A

NUTS & BOLTS: Responsibilities

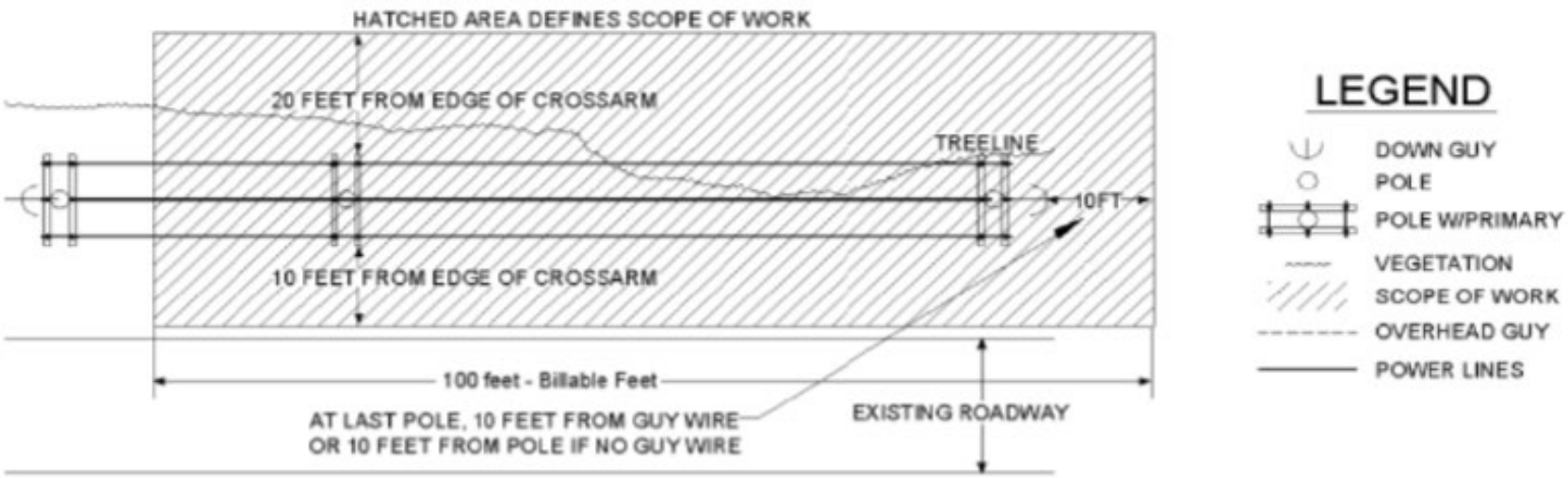


FIGURE B

NUTS & BOLTS: Responsibilities

VEGETATION MAINTENANCE

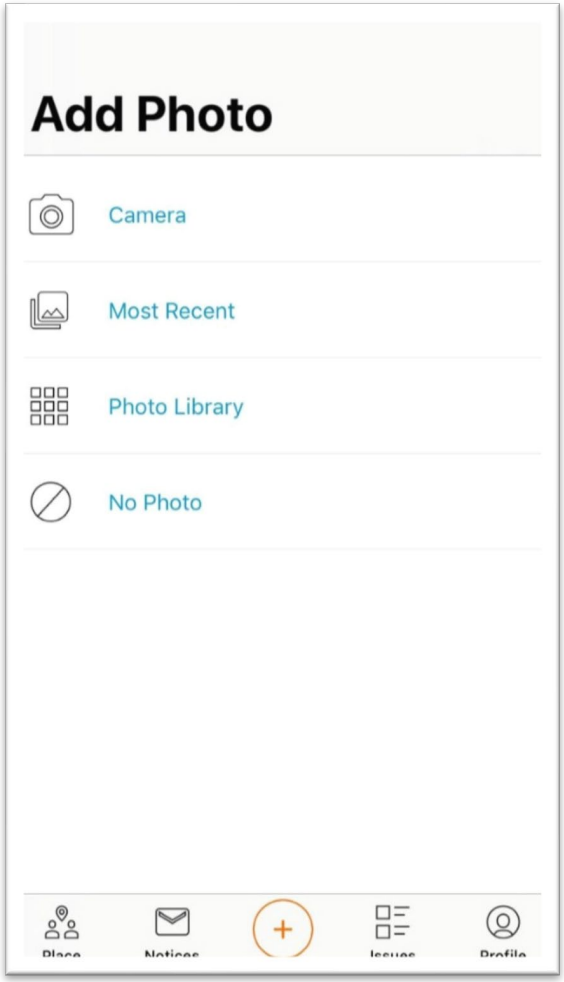
- **$1 per linear foot per month**
- *Designated areas*
- *Inspection & verification required*

POWER POLE PAINTING

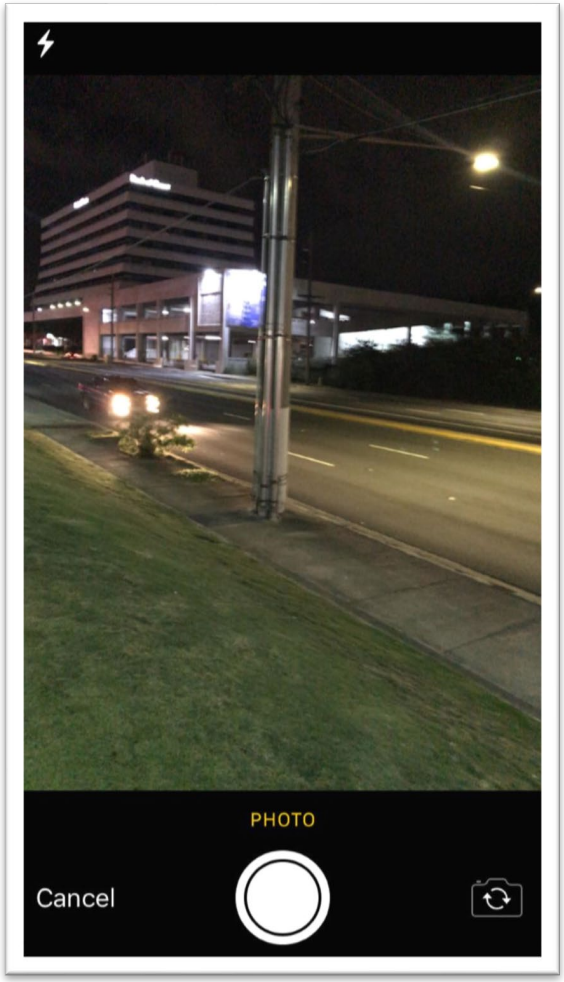
- **$5 per pole per year**
- Paint provided by GPA
- *Designated areas*
- *Inspection & verification required*

HANDS-ON APP USE

Step 1: Initiate Report

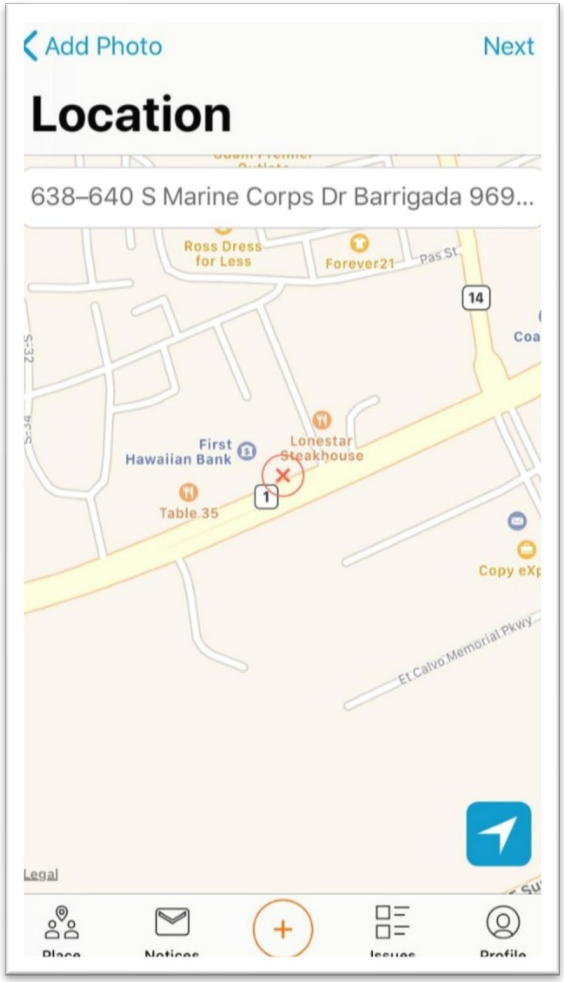


Step 2: Take Photo

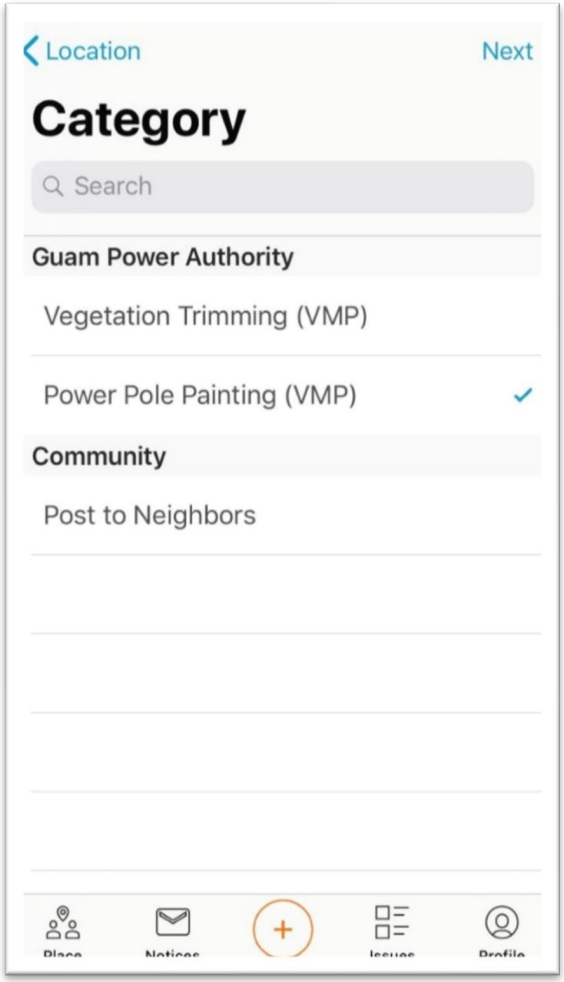


HANDS-ON APP USE

Step 3: Verify Location

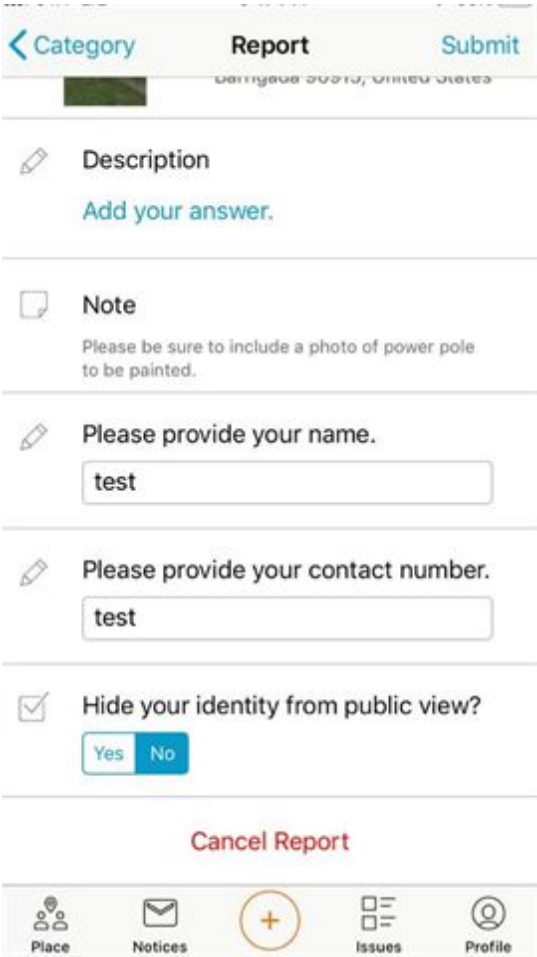


Step 4: Add Details

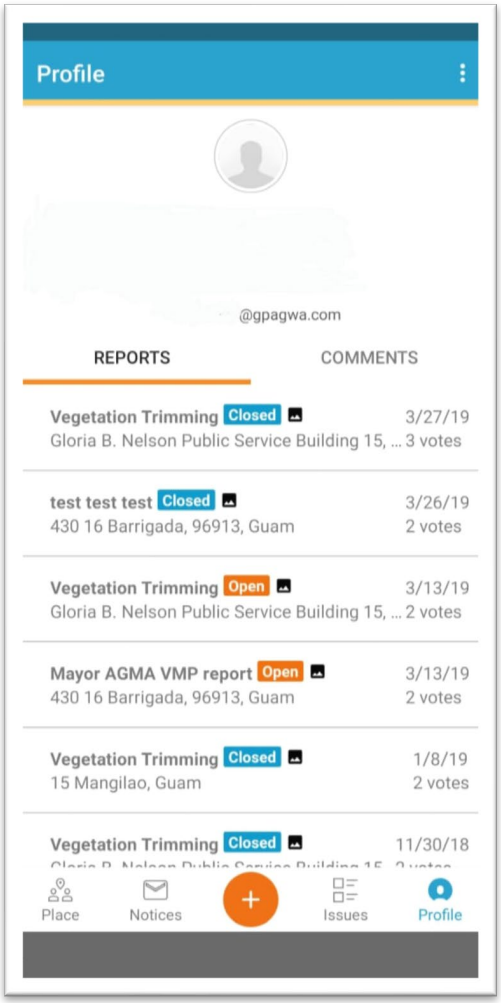


HANDS-ON APP USE

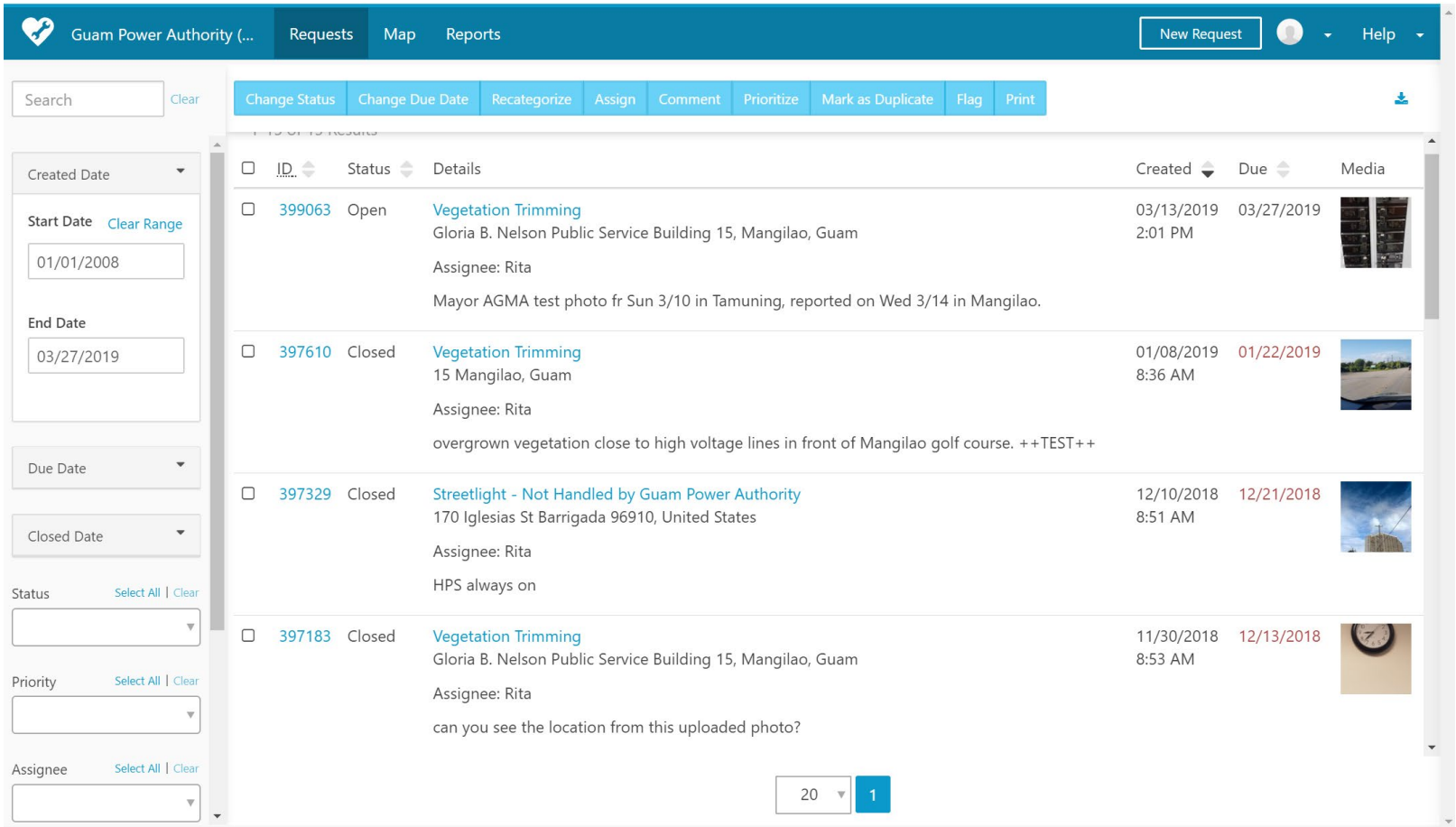
Step 5: Complete Report



Step 6: Track Reports



HANDS-ON APP USE



SI YU'OS MA'ÅSE'!

MEETING PARTICIPANTS

AGANA HEIGHTS
Angelica Gumataotao
Eugene Bamba
Vincent San Nicolas

ASAN-MAINA
Mayor Frankie Salas

INARAJAN
Mayor Doris Lujan
Bobbie Manglona

MANGILAO
Edward Tosco

MONGMONG-TOTO-MAITE
Mayor Rudy Paco

ORDOT-CHALAN PAGO
Julie Posadas

PITI
Mayor Jesse Alig
Christopher Ofalla
Michael Tajalle

TALOFOFO
Mayor Vincente Taitague
Debbie Naputi

The Village Management Program is a voluntary collaborative pilot project of the Guam Power Authority and nine (9) village Mayors.

For more information, please contact:

PRIMARY CONTACT

Rita T. Cruz
Customer Service
648-3136
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JoAnn C. Babauta
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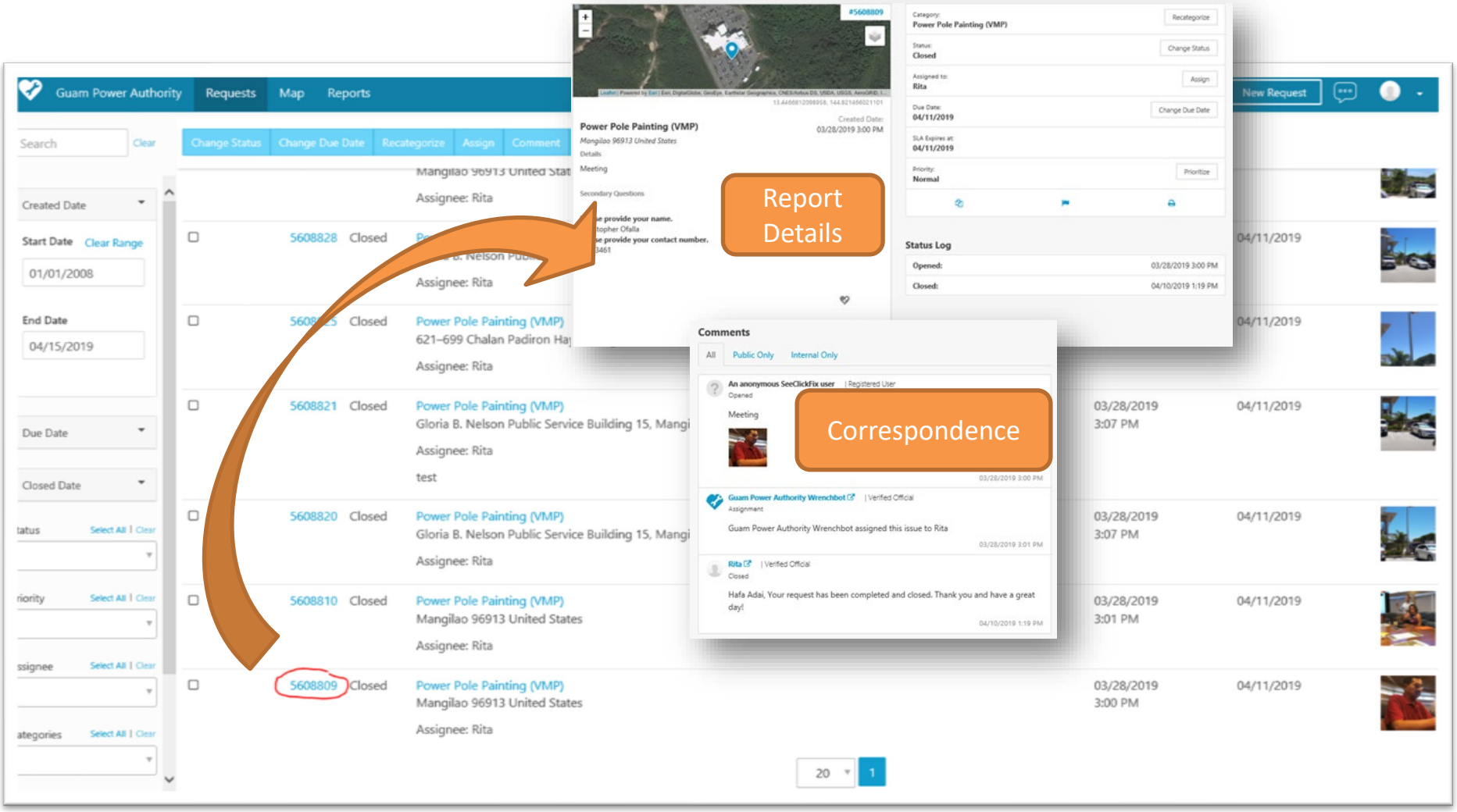
jcbabauta@gpagwa.com

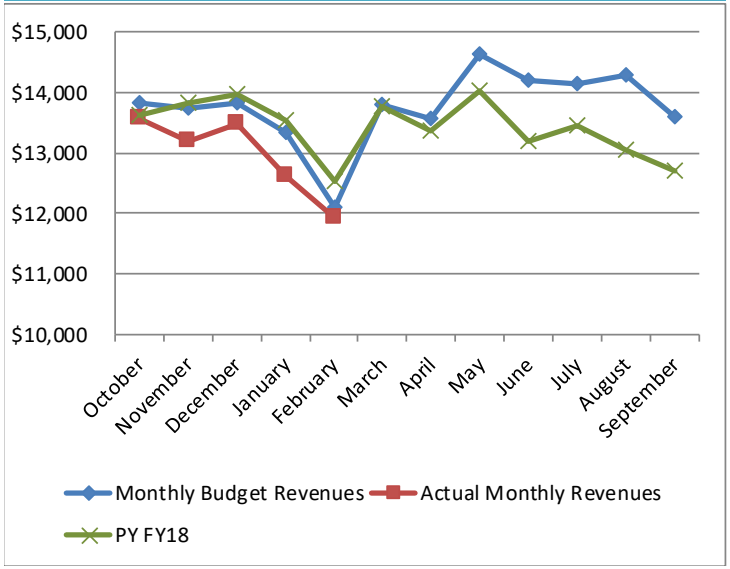
VILLAGE MANAGEMENT PROGRAM



CFO
FINANCIAL HIGHLIGHTS
February 2019

February 2019 Monthly Financial Highlights

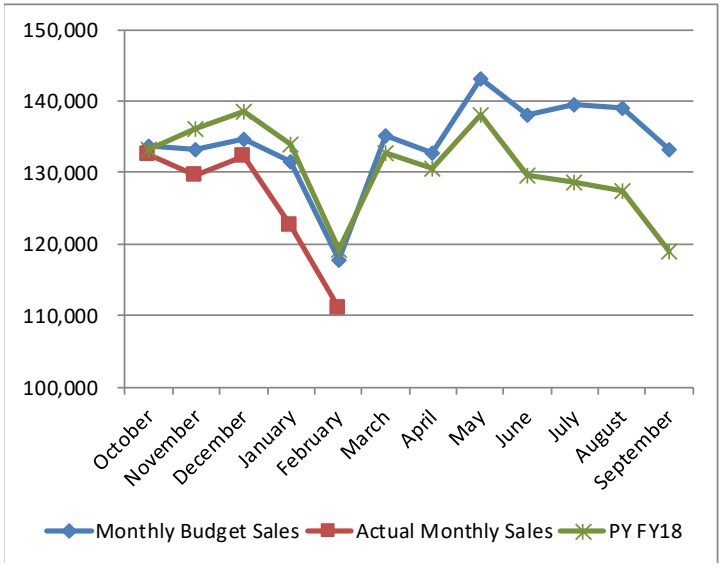
Base Rate Revenue $000



Through February 28, 2019

$000	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY18	CY vs PY Variance	
October	$ 13,811	$ 13,564	$ (246)	↓	$ 13,625	$ (61)	↓
November	13,723	13,203	$ (519)	↓	13,827	$ (624)	↓
December	13,833	13,467	$ (365)	↓	13,968	$ (501)	↓
January	13,321	12,616	$ (705)	↓	13,534	$ (918)	↓
February	12,114	11,915	$ (199)	↓	12,522	$ (607)	↓
March	13,790				13,776		
April	13,562				13,351		
May	14,630				14,011		
June	14,196				13,201		
July	14,152				13,446		
August	14,280				13,041		
September	13,590				12,707		
Total	**$ 165,002**	**$ 64,766**	**$ (2,035)**		**$ 161,010**	**$ (2,710)**	

MWh Sales

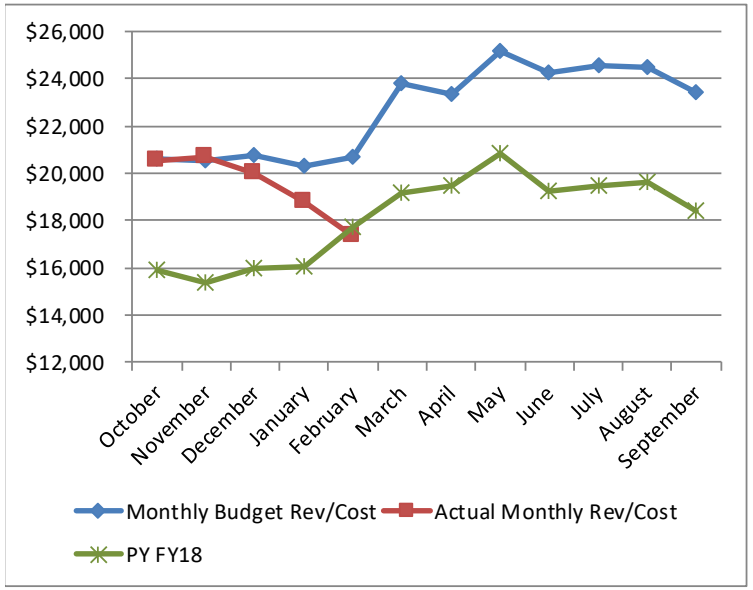


Through February 28, 2019

mwh	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY18	CY vs PY Variance	
October	133,797	132,489	(1,308)	↓	133,262	(773)	↓
November	133,346	129,537	(3,809)	↓	136,044	(6,506)	↓
December	134,715	132,190	(2,525)	↓	138,587	(6,397)	↓
January	131,547	122,590	(8,958)	↓	133,882	(11,292)	↓
February	117,775	111,159	(6,616)	↓	119,241	(8,082)	↓
March	135,196				132,693		
April	132,763				130,565		
May	143,236				138,085		
June	138,016				129,728		
July	139,434				128,681		
August	139,030				127,348		
September	133,149				118,935		
Total	**$1,612,003**	**$ 627,965**	**$(23,215)**		**$ 1,567,052**	**$ (33,052)**	

February 2019 Monthly Financial Highlights (Continued)

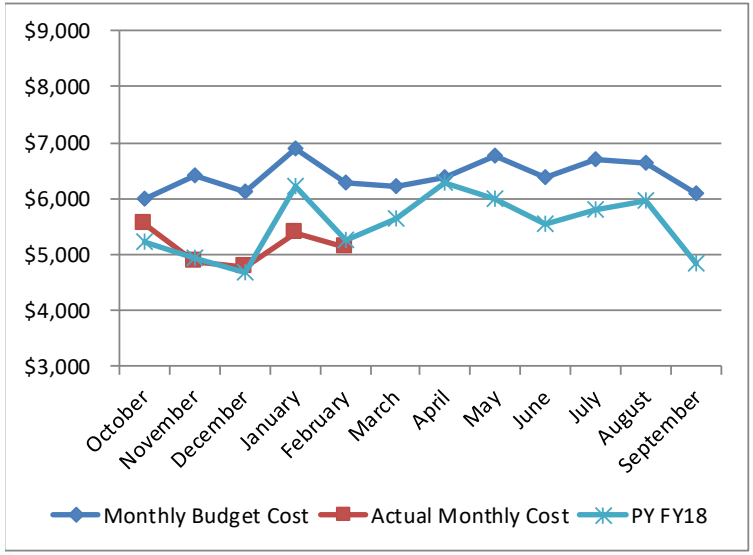
Fuel Revenue/ Cost $000



Through February 28, 2019

$000	Monthly Budget Rev/Cost	Actual Monthly Rev/Cost	Variance		PY FY18	CY vs PY Variance	
October	$ 20,637	$ 20,550	$ (87)	↓	$ 15,936	$ 4,615	↑
November	20,568	20,711	$ 143	↑	15,400	$ 5,310	↑
December	20,779	19,969	$ (810)	↓	16,007	$ 3,961	↑
January	20,290	18,822	$ (1,468)	↓	16,036	$ 2,785	↑
February	20,718	17,368	$ (3,350)	↓	17,763	$ (395)	↓
March	23,783				19,180		
April	23,354				19,441		
May	25,197				20,854		
June	24,279				19,252		
July	24,528				19,457		
August	24,457				19,608		
September	23,422				18,390		
Total	**$ 272,011**	**$ 97,419**	**$ (5,572)**		**$ 217,324**	**$ 16,277**	

O&M Cost $000



Through February 28, 2019

$000	Monthly Budget Cost	Actual Monthly Cost	Variance		PY FY18	CY vs PY Variance	
October	$ 5,986	5,551	435	↑	5,239	(312)	↓
November	6,419	4,875	1,544	↑	4,941	66	↑
December	6,119	4,762	1,358	↑	4,694	(68)	↓
January	6,882	5,399	1,483	↑	6,204	805	↑
February	6,291	5,114	1,177	↑	5,252	138	↓
March	6,231				5,638		
April	6,374				6,269		
May	6,753				6,005		
June	6,373				5,558		
July	6,710				5,797		
August	6,648				5,961		
September	6,079				4,836		
Total	**$ 76,866**	**$ 25,701**	**$ 5,997**		**$ 66,394**	**$ 629**	

February 2019 Monthly Financial Highlights (Continued)

Through February 28, 2019						
	1Q2018	2Q2018	3Q2018	4Q2018	1Q2019	2Q2019
Residential	43,898	44,065	44,074	43,887	43,920	44,018
Commercial	5,231	5,262	5,278	5,261	5,273	5,278
Government	1,076	1,086	1,092	1,077	1,090	1,077
Streetlights	908	1,005	1,091	1,152	1,151	1,149
Navy	1	1	1	1	1	1
Total	51,114	51,419	51,536	51,378	51,435	51,523

Debt service coverage (DSC) calculation-indenture	2013	2014	2015	2016	2017	2018	YTD Feb 2019
Senior lien coverage	3.36	3.16	3.62	3.28	2.65	2.68	1.92
Aggregate debt service coverage	1.88	1.98	2.62	3.28	2.65	2.68	1.92
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	2.16	2.55	2.56	2.45	1.79	1.80	1.40
Aggregate debt service coverage	1.21	1.41	1.85	2.45	1.79	1.80	1.40

Renewable Portfolio Standard (RPS)

The Next Step

Renewables Projects Completed, Underway and Planned

Phase I

- **25 MW Solar PV**
  - Dandan (NRG)
    - *Commissioned 2015*
- 275kW Wind Generator
  - *Commissioned 2016*
- *20 MW Net metering Customers*

Phase II

- **120 MW Awarded:**
- 60 MW w/ ESS KEPCO-LG Project (Sasayan)
- 60 MW w/ ESS Hanwha Project
- $0.085 / kWh (1% Escalator)
- Over $43M Savings in first five years
- *Commissioning 2021*

Phase III

- **40 MW on Bid**
- 20 MW w/ ESS
- (Big Navy)
- 20 MW w/ ESS (South Finegayan)
- Estimated award August 2019
- *Complete shifting of energy produced during day to meet nighttime loads.*

Phase IV

- **RENEWABLES INTEGRATION STUDY**
- Grid capacity
- Additional integration
- **Could add 180 MW more**
- Upgrades of Grid necessary
- New 180 MW Power Plant is necessary

2021: 26% Guam's energy needs provided by renewable energy (Net Metering Customers (18MW) + Phases I, II & III), exceeding mandate to produce 25% net electricity sales by 2035 PL-29-62

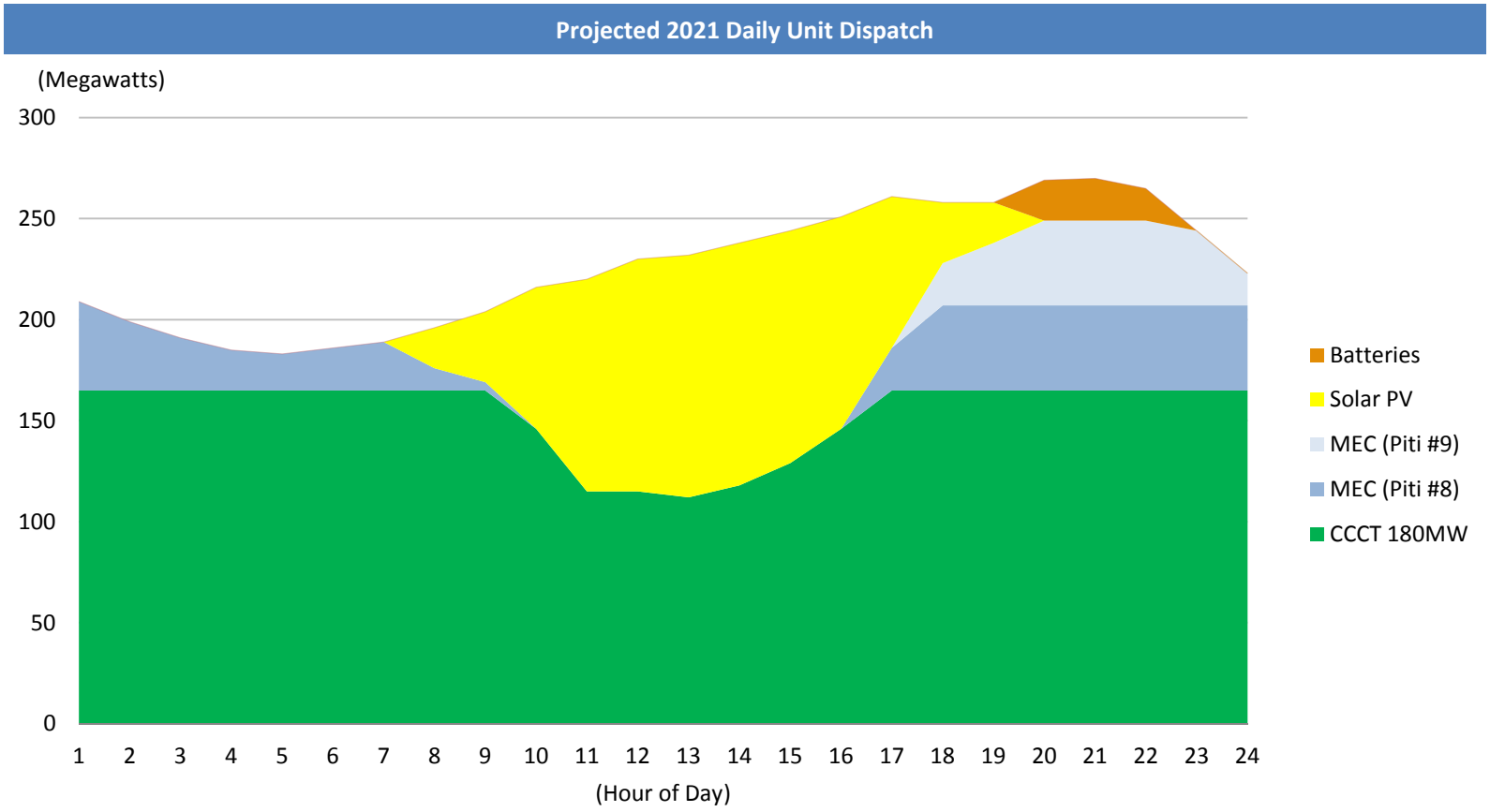
40MW Battery Storage
Online in 2019

Renewable PPAs are included in LEAC. Low-cost renewables contracts below LEAC benefit all ratepayers & provide an excellent hedge against erratic fuel oil process. Latest PPAs are limited to 1% annual price escalations.

GUAM CCU

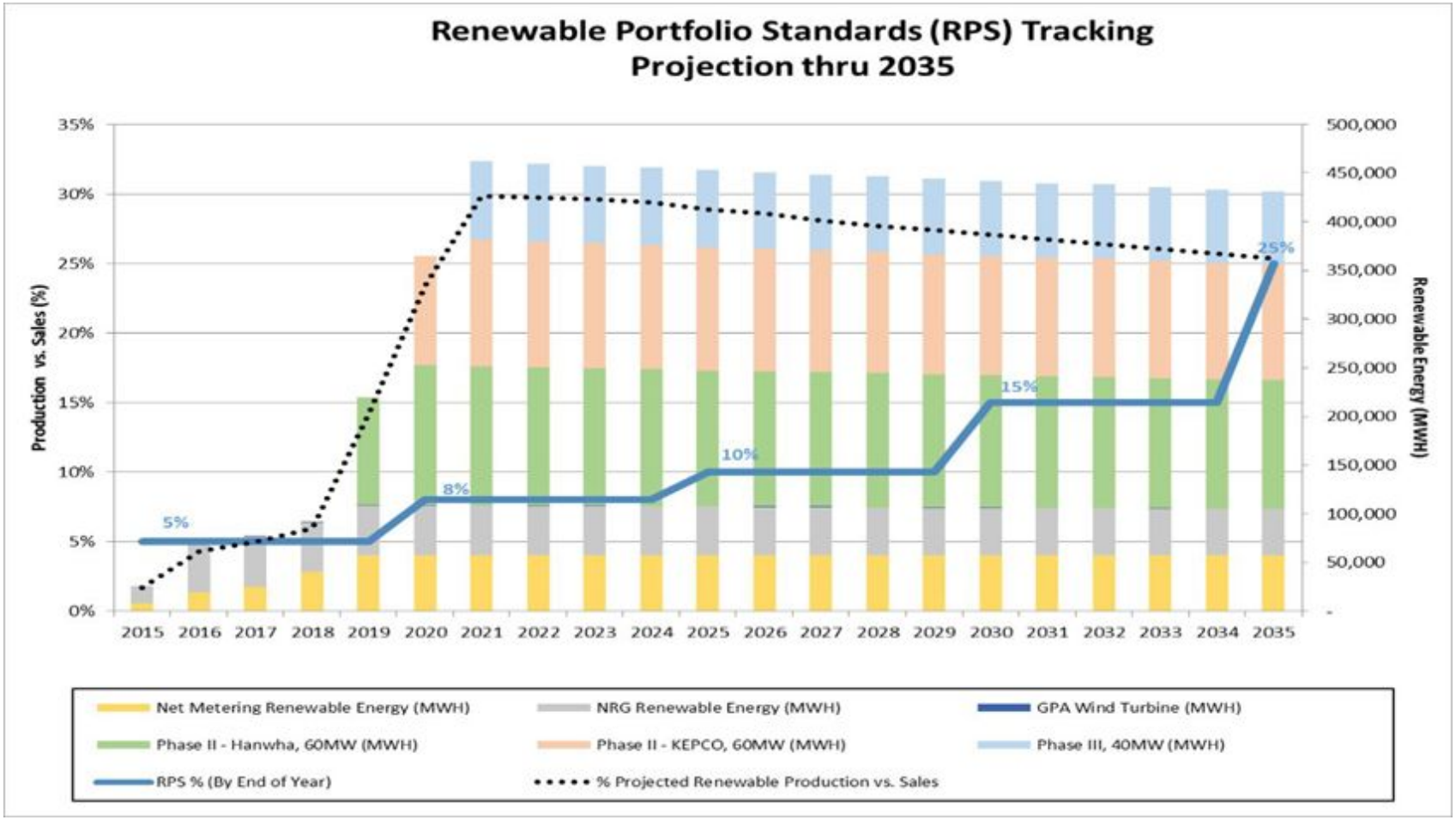
Expected Future Power Supply

New combined cycle units and expanded renewable portfolio will supply over 75% of GPA power supply. GPA is on track to achieve 25% of energy from renewables by 2021



Current Renewable Portfolio Standards

Renewable Portfolio Standards (RPS) Achieved By 2021



Goals

- Lower Energy Costs for Customers
  - Lower and Stabilized LEAC
- Cleaner Energy
- Resilience
- “Oil to Jobs”

Renewables Acquisition Policy and Strategy

- Ride the Technical Capability Curve Up and Cost Curve Down
- Power Purchase Agreements (PPA) Must Lower and Stabilize LEAC
- Issue a Phase IV Bid Similar to Phase III:
  - Renewable Energy + Energy-Shifting Storage
  - Requires CCU and PUC approval
  - Nominally 20+% of GPA Energy
  - <u>Dispatchable Renewable Power Plant</u>
  - Ceiling ($/MWh) for Acceptable Bids

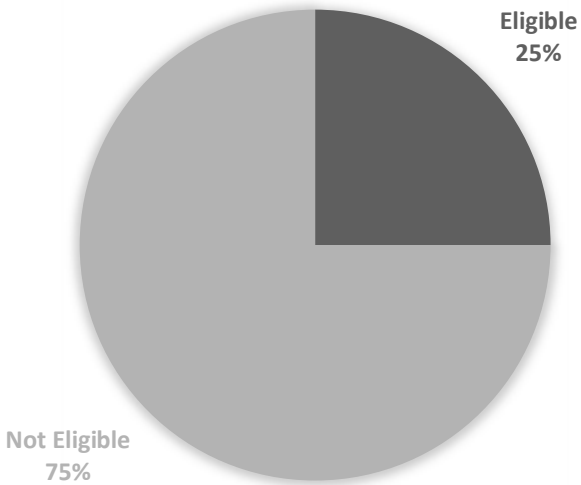
Recommendations for Renewable Policy

- **Execute the Renewable Energy Integration Study Infrastructure Upgrade Recommendations:**
  - New Power Plant
  - 115KV Transmission Line Installation (Southern to Central Loop)
  - Synchronous Condensers
  - Power Protection Upgrades
- **Continue Demand Side Management Programs**
  - Energy Efficiency Increases Renewable Penetration Percentage
  - Support Electrification of Guam Transportation Using GPA's Renewable-Rich Energy Grid
  - Promote the Establishment and Implementation of a Transportation Electrification Goal
    - Electric School Buses
    - GovGuam Light Vehicle Fleet Conversion to Electric Vehicles
      - Support Senator Perez's Bill 85-35 (COR)
- **Adopt a Renewable Policy expanding the RPS from 25% to 50% by 2035**
  - Support Senator Shelton's Bill 80-35 (COR)
  - Establish Implementation Strategy by End of FY 2019

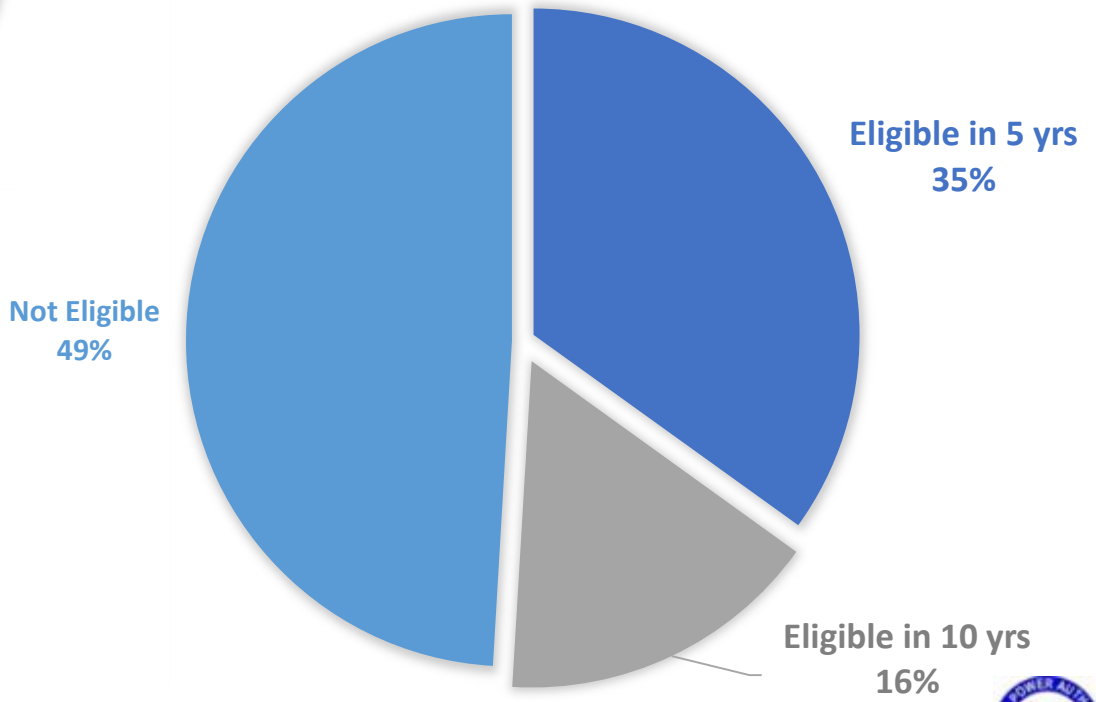
GPA'S WORKFORCE PLANNING

WORKFORCE PLANNING

US ENERGY SECTOR RETIREMENT FORECAST (2017-2021)

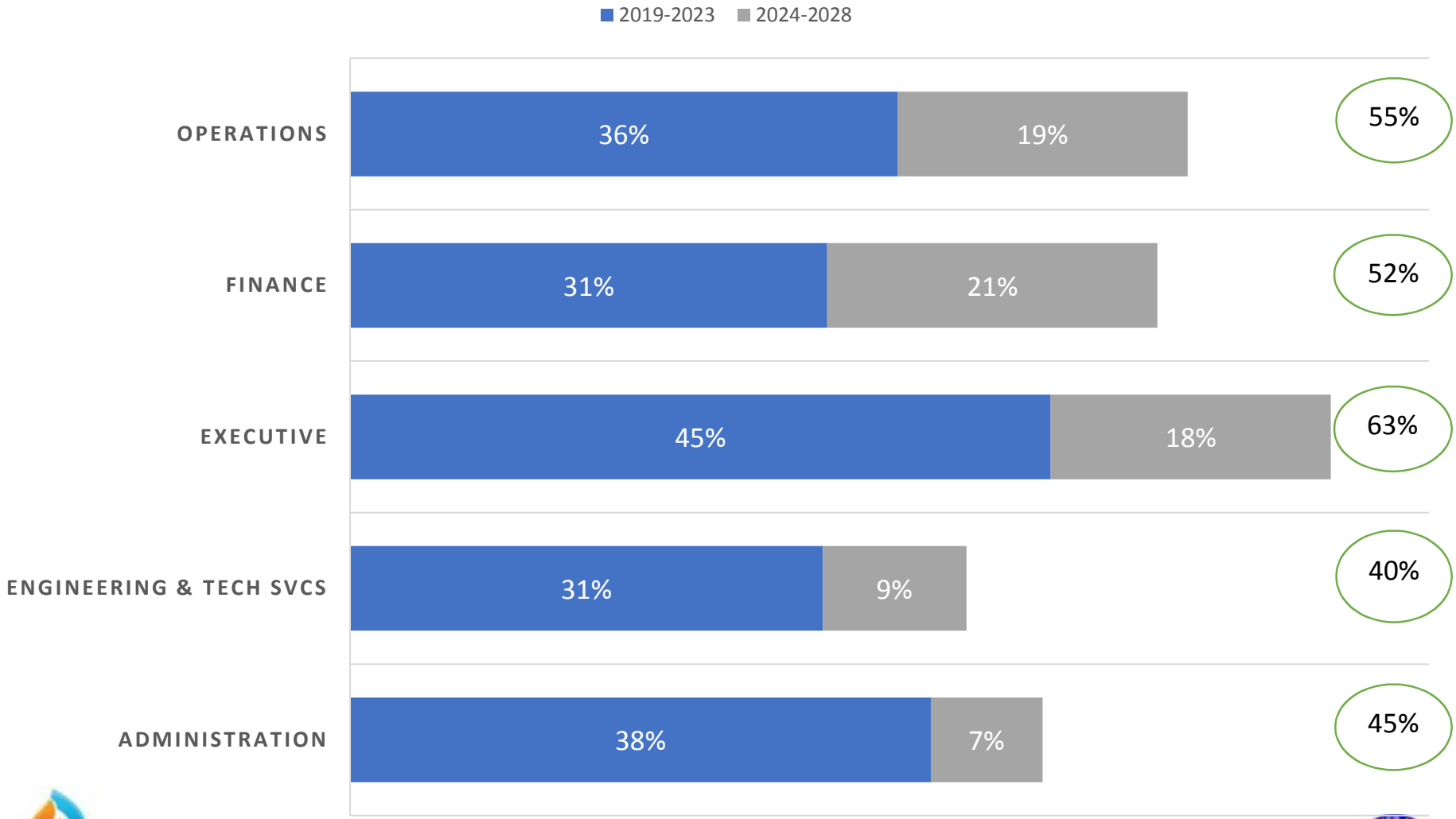


GPA RETIREMENT FORECAST (2019-2028)

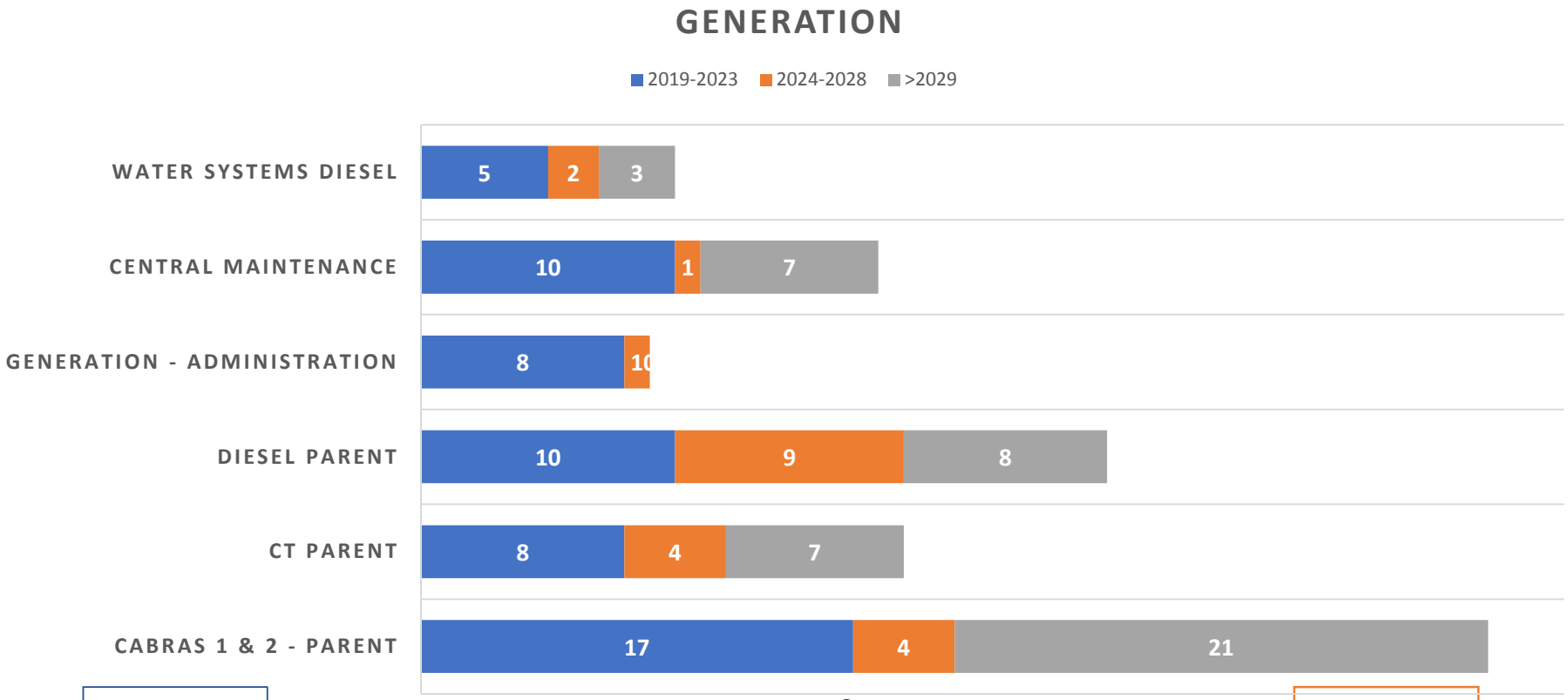


WORKFORCE PLANNING

RETIREMENT ELIGIBILITY



WORKFORCE PLANNING



58 Retirement Eligible

New Power Plant Online

Convert Piti 8 & 9

Start Decommissioning

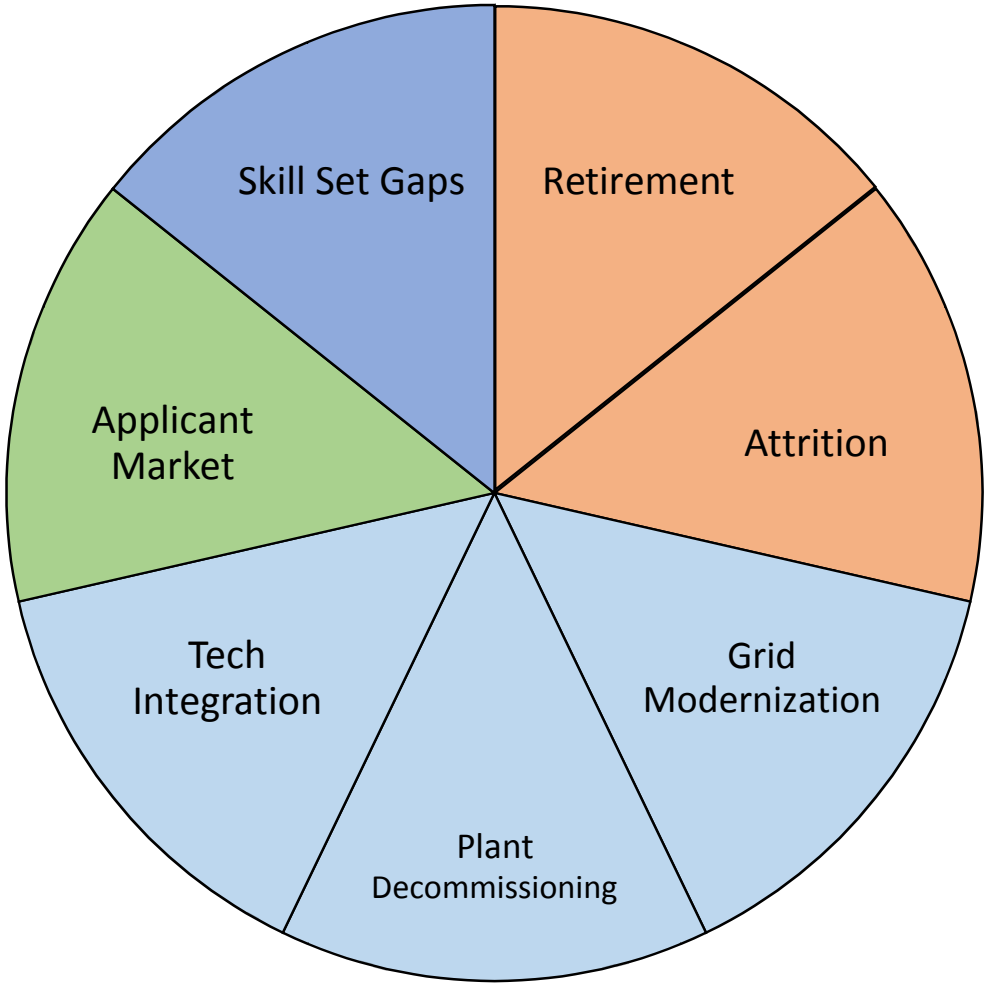
30 Retirement Eligible

2019 2020 2021 2022 2023 2024 2025 2026 2027 2028

~125 potentially affected employees
(27% of current workforce)

WORKFORCE PLANNING

FACTORS AFFECTING THE AUTHORITY'S CURRENT & FUTURE WORKFORCE NEEDS

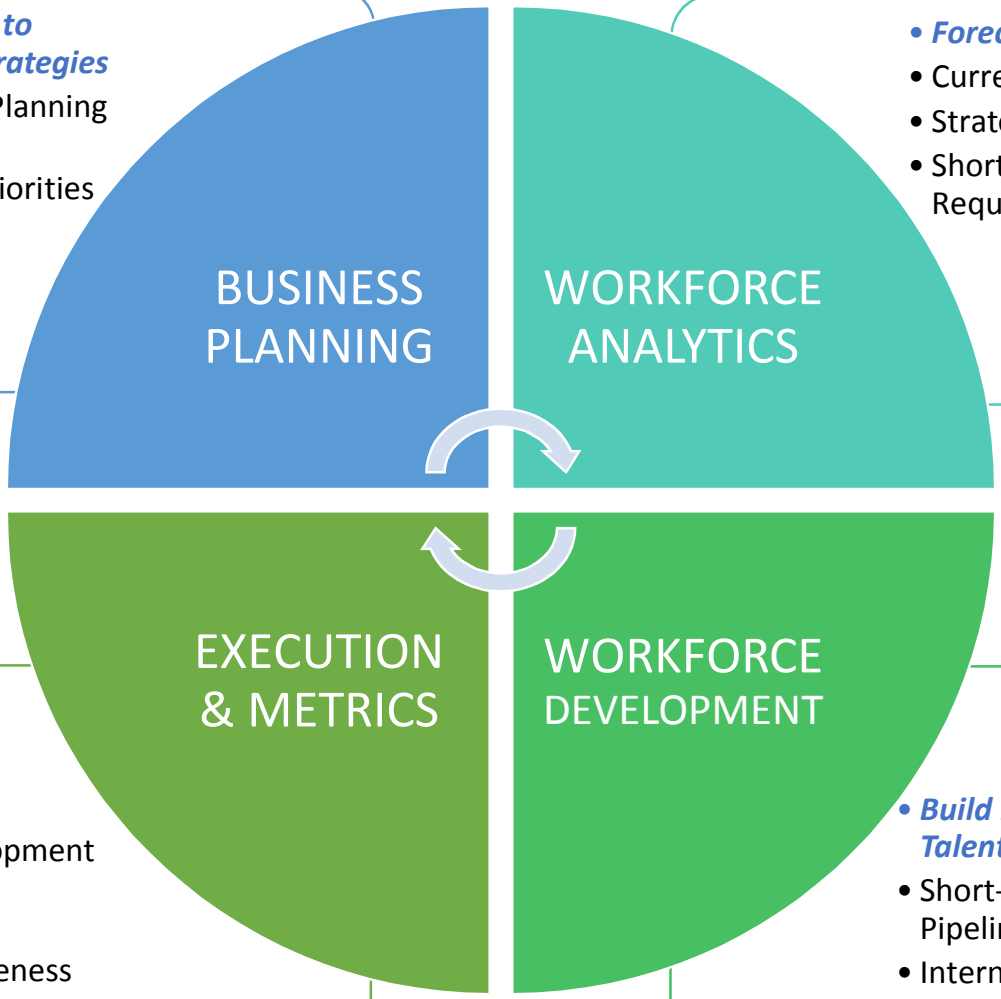


WORKFORCE PLANNING

SITUATION	Rapid development & implementation of emerging technologies resulting from grid modernization, renewable energy, etc.
IMPACT	Traditional jobs become obsolete Existing employees develop skill & competency gaps
NEEDS	Training will be required as new technologies are introduced but existing competencies will not change
PLAN	Train on new skills to overlay on existing core competencies Determine workforce needs (through staffing study, etc.) Review and amend classification structure.
POLICY	Strategic business plan Exit & succession options for affected employees Organizational realignment

WORKFORCE PLANNING

- ***Link Workforce Needs to Corporate Business Strategies***
- Organized Workforce Planning Structure & Support
- Strategic Workforce Priorities & Implications



- ***Forecast Talent Needs***
- Current & Future Workforce
- Strategic Workforce Analysis
- Short- & Long-Term Requirements

- ***Measure Results***
- Talent Pipeline Development Effectiveness
- Internal Employee Development Effectiveness
- Continuous Improvement

- ***Build Internal & External Talent Pipeline***
- Short- & Long-Term Talent Pipeline Development
- Internal Employee Dev.
- Knowledge Capture & Retention

Source: CEWD

WORKFORCE PLANNING

Business Strategy

- EFFICIENCY
- INNOVATION
- PURPOSE

- Strategic Plan
- Incorporation of Technology

Change Management

- VALUE
- ACCURACY
- COMMUNICATION DIALOGUE

- Process Management
- Continuous Improvement

Employee Engagement

- EMPOWERMENT
- MOTIVATION
- PURPOSE

- Competency & Skills Building
- Career Development

WORKFORCE PLANNING

Growing Capabilities & Developing Talent Pipeline

GPA ACADEMY

- Cross Training
- Apprenticeship
- Training On-Demand
- Career Development

High School
Utility Track
(GPA-GDOE partnership)

Internship

WORKFORCE PLANNING

POLICY CONSIDERATIONS

Business

- Update strategic plan and business priorities to determine future goals and drive division roadmaps.
- Embed change management controls.

People

- Align future knowledge and skill sets with strategic plan and division roadmaps.
- Create positions that support the modern utility (*Business Process Analysts, Project & Technology Management).*
- Implement formal training and career development programs.
- Formalize options and incentives for affected employees in positions becoming obsolete.

Process

- Model utility's organizational structure for the future.
- Review classification and compensation policies more frequently.

Technology

- Implement a Talent Management System (recruitment, performance management, learning & development, compensation) to mitigate knowledge transfer gap (E1).

Standby Generators for GWA Sites

CIP Plan

CIP Plan

GWA Sites	
32	Booster Pumps
115	Waterwells
85	Sewage/Treatment
1	Laboratory
233	Sites

191	Sites with Generators
42	Sites without Generators

GENERATORS	
191	Available Generators Including 27 New Generators
4	Portable Generators
195	Generators

CIP Plan

GENERATORS

42	27	New Generators (less than 5 years old)
	11	Large units to be overhauled
	4	Existing Portable units
197	15	Portable Generators Needed
	33	Generators Needed
	149	Generators to Replace
239		PROPOSED FLEET of Stand By Generators
13		Stations Out of Service

CIP Plan

Package 1: Bid in FY2019; Deliver in FY2020

Year	Estimate	Quantity
Typhoon Mangkhut Damage @25%	$ 94,967.81	6
TOTAL	**$ 94,967.81**	**6**

Package 2: Bid in FY2019; Deliver in FY2020

Year	Estimate	Quantity
Portable Generators	$ 1,408,790	16
TOTAL	**$ 1,408,790**	**16**

CIP Plan

Package 2: Bid in FY2019; Deliver in FY2020

New Portable Units

Generator Capacity (kW)	Quantity	Estimated Generator Cost
25	1	$16,250.00
60	3	$50,040.00
150	6	$180,000.00
250	2	$122,500.00
500	2	$400,000.00
800	2	$640,000.00
Total:	**16**	**$1,408,790.00**

CIP Plan

Package 3

Year	Estimate	Quantity
2021	$ 749,375	11
2022	$ 726,250	16
2023	$ 473,470	28
2024	$ 451,000	17
2025	$ 509,000	17
2026	$ 499,000	19
2027	$ 490,590	27
2028	$ 500,000	20
2029	$ 628,125	20
TOTAL	**$ 5,026,810**	**175**

GWA & GPA

- 27 new generators have been installed over the last 4 years, the remaining generators are on average more than 20 years old.

- GPA originally maintained 148 generators but through **CCU Resolution 2015-64** assumed maintenance responsibility of all standby generators at water wells, waste water facilities, and booster pump stations operated by GWA.

- GWA ensures generators are appropriately upgraded when GWA stations are upgraded.

- GPA and GWA continue to collaborate to ensure stations have reliable backup power.

Customer Service Division

March 2019

SITE	Less than 10 Mins.	%	10-15 Mins.	%	15-30 Mins.	%	30-45 Mins.	%	TOTAL	Location %
GBN	820	54%	195	13%	275	18%	220	15%	1,510	30%
HAGATNA	1,227	73%	270	16%	178	11%	15	0%	1,690	33%
UPPER TUMON	1,063	56%	286	15%	400	21%	152	8%	1,901	37%
TOTAL:	3,110	60%	751	15%	853	17%	387	8%	5,101	100%

Government Accounts Receivable: CSD reports invoices for the month of February 2019, for 73 active government accounts with an overall total of $7,600,889.50. 69 accounts were current (94%), 4 accounts arrears (6%). 6 fax/emails issued to government accounts totaling $2,503,310.80. February 2019 invoices, 65 accounts paid in full.

Credit and Collection

Delinquent Ratio: As of March 2019, the authority reported a total 48,290 active customers. The "Delinquent Ratio" was recorded at 7.32% with 3,537 total delinquent accounts, total arrears of 1,709,291.84; 1,338,660.07; 3,318 (6.87% / 28-45 days) category; 266,703.42; 406(0.84% / 46-60 days); 24,991.52; 93(0.19% 61-90 days); and 78,936.83; 165 (0.34% / Over 90 days).

Bankruptcy: The Authority reports no Bankruptcy for the month of March 2019.

Damage Claim: The Damage claim committee received two (2) Damage claim at $4,654.05 for the month of March 2019.

ACTIVE DELINQUENT – NON-PAYMENT

Command Center / Disconnection / Reconnections

Single Phase Meters: Credit and Collection issued orders to Command Center to perform remote disconnect/reconnect for a total of 574 customers; 473(82%) were disconnected; 101(18%) deferred; 0(0%) incompletes.

3 Phase Meters: Credit and Collection issued orders to Disconnect Reconnect crew to perform truck roll out disconnect/reconnect for a total of 39 customers; 24(62%) were disconnected; 15(38%) deferred; 0(0%) incompletes.

FY 2019 (Mar 01-31,2019)								
	Scheduled	Disc	Deferred	Complete Vs. Scheduled	Incomplete Disconnections	Disc Vs. Scheduled	Deferred Vs. Scheduled	Incomplete Vs. Scheduled
Mar-19	613	497	116	613 100%	0	81%	19%	0%
Feb -19	1,006	706	282	988 98%	18	70%	28%	2%
Jan-19	1,250	886	313	1,199 96%	51	71%	25%	4%
1st	8,855	2,720	6,013	8,733 99%	122	31%	68%	1%
TOTAL:	11,724	4,809	6,724	11,533 98%	191	41%	57%	2%

FY 2018 (October 01, 2017 – September 30, 2018)								
QTR	Scheduled	Disc	Deferred	Complete Vs. Scheduled	Incomplete Disconnections	Disc Vs. Scheduled	Deferred Vs. Scheduled	Incomplete Vs. Scheduled
4th	2,923	2,137	768	2,905 99%	18	73%	26%	1%
3rd	4,824	2,635	2,167	4,802 100%	22	55%	45%	0%
2nd	4,092	2,010	2,032	4,042 99%	50	49%	50%	1%
1st	3,890	2,237	1,646	3,883 100%	7	58%	42%	0%
TOTAL:	15,729	9,019	6,613	15,632 99%	97	57%	42%	1%

This concludes the Summary Report for the Customer Service Division for the month of March 2019.

Respectfully submitted,
Marissa Fernandez
Marissa Fernandez, Admin. Officer

Reviewed / Approved by:
Richard J. Bersamin, ACSM

Run Date: 4/3/2019
Run Time: 1:06:32AM

Report ID: DELRATIO

Guam Power Authority
Delinquent Active Accounts Summary Report
As of - 04/03/2019

Rate Classification	Total Cust	Del Cust	Del 28-45	Del 46-60	Del 61-90	Over-90	Current Balance	28-45 Days	46-60 Days	61-90 Days	>90 Days	Total Arrears	Total D
Residential(ERES-R)	42,513	3,218	3,027	341	73	127	6,101,035.48	647,274.80	214,000.35	21,429.35	56,864.36	939,568.86	7,040,604
		7.57%	7.12%	0.80%	0.17%	0.30%							
Small Gen Non Demand(EGEN-G)	4,155	226	205	35	10	21	1,140,864.48	110,188.55	13,454.32	3,196.06	9,940.82	136,779.75	1,277,644
		5.44%	4.93%	0.84%	0.24%	0.51%							
Small Gen Demand(EGEND-J)	980	45	42	9	0	3	2,720,600.68	180,217.98	4,690.65	0.00	4,244.16	189,152.79	2,909,753
		4.59%	4.29%	0.92%	0.00%	0.31%							
Large General(ELPS-P)	119	11	9	3	0	1	4,840,062.51	399,575.23	33,299.08	0.00	5,345.90	438,220.21	5,278,282
		9.24%	7.56%	2.52%	0.00%	0.84%							
Private Streetlight(EPOL-H)	523	37	35	18	10	13	19,297.70	1,403.51	1,259.02	366.11	2,541.59	5,570.23	24,867
		7.07%	6.69%	3.44%	1.91%	2.49%							
Sub-Total (Private)	**48,290**	**3,537**	**3,318**	**406**	**93**	**165**	**14,821,860.85**	**1,338,660.07**	**266,703.42**	**24,991.52**	**78,936.83**	**1,709,291.84**	**16,531,152**
		7.32%	**6.87%**	**0.84%**	**0.19%**	**0.34%**							
Small Gov Non Demand(ESGS-S)	684	91	82	58	1	3	531,056.17	71,138.31	50,230.83	396.88	3,256.23	125,022.25	656,078
		13.30%	11.99%	8.48%	0.15%	0.44%							
Small Gov Demand(ESGSD-K)	336	86	85	80	1	2	3,179,470.40	529,303.09	454,380.89	4,638.76	25,007.50	1,013,330.24	4,192,800
		25.60%	25.30%	23.81%	0.30%	0.60%							
Large Government(ELGS-L)	42	22	22	22	0	0	2,587,147.11	673,093.90	700,540.73	0.00	0.00	1,373,634.63	3,960,781
		52.38%	52.38%	52.38%	0.00%	0.00%							
Gov Streetlight(ESTL-F)	618	22	14	7	0	8	472,849.86	2,029.68	365.13	0.00	1,186.99	3,581.80	476,431
		4%	2.27%	1.13%	0.00%	1.29%							
Sub-Total (Government)	**1,680**	**221**	**203**	**167**	**2**	**13**	**6,770,523.54**	**1,275,564.98**	**1,205,517.58**	**5,035.64**	**29,450.72**	**2,515,568.92**	**9,286,092**
		13.15%	**12.08%**	**9.94%**	**0.12%**	**0.77%**							
GRAND TOTAL	**49,970**	**3,758**	**3,521**	**573**	**95**	**178**	**21,592,384.39**	**2,614,225.05**	**1,472,221.00**	**30,027.16**	**108,387.55**	**4,224,860.76**	**25,817,245**
		7.52%	**7.05%**	**1.15%**	**0.19%**	**0.36%**							

Guam Power Authority

Customer Service Division

Employee Month-To-Date (MTD) Consolidated Report
March 2019

Reason(s) for visit	Transaction type	Fadian	% MTD	Hagatna	% MTD	Tumon	% MTD	TOTAL
New Install - Permanent (NI1)	Application	4	50%	2	25%	2	25%	8
New Install - Temporary (NI2)	Application	6	75%	1	13%	1	13%	8
New Install - Street Light (NI3)	Application	1	100%	0	0%	0	0%	1
Reconnection - Without Meter (NI4)	Application	4	33%	4	33%	4	33%	12
Reconnection - With Meter (NI5)	Application	98	27%	124	34%	139	39%	361
Name Change (NC1)	Application	98	29%	84	25%	159	47%	341
Name Change - Street Light (NC2)	Application	0	0%	0	0%	2	100%	2
Termination - Regular (TE1)	Termination	88	26%	88	26%	165	48%	341
Termination - Name Change (TE2)	Termination	0	0%	0	0%	1	100%	1
Termination - Non Payment (TE3)	Termination	0		0		0		0
Termination - Typhoon (TE4)	Termination	0		0		0		0
Termination - Removal (TE5)	Termination	0		0		0		0
Termination (TE6)	Termination	12	86%	0	0%	2	14%	14
Work Clearance - Emergency (WCE)	Other	5	36%	5	36%	4	29%	14
Work Clearance - Underground (UG)	Other	25	93%	0	0%	2	7%	27
Work Clearance - Overhead (OH)	Other	9	60%	2	13%	4	27%	15
Meter Investigation (INV)	Other	1	50%	0	0%	1	50%	2
Meter Change Out / Calibration (MC1)	Other	0	0%	1	20%	4	80%	5
Meter Upgrade /Downgrade (MC3)	Other	3	100%	0	0%	0	0%	3
Misc Public Service (MPS)	Other	18	62%	4	14%	7	24%	29
Refund (RFD)	Other	5	11%	21	48%	18	41%	44
Relocation of Meter (RM1)	Other	7	100%	0	0%	0	0%	7
Street Light Repair (ST1)	Other	4	67%	1	17%	1	17%	6
Official Receipt (OR)	Other	49	19%	79	31%	131	51%	259
Update Special Charge (USC)	Other	0	0%	33	21%	123	79%	156
Inspection Report (IR)	Other	16	46%	9	26%	10	29%	35
Copy of Bill (COB)	Other	375	24%	569	36%	640	40%	1,584
Bill Inquiry (BILL INQ)	Other	320	20%	588	36%	703	44%	1,611
Bill Adjustment (BILL ADJ)	Other	4	29%	5	36%	5	36%	14
Address Change (ADDR CHG)	Other	31	19%	36	23%	92	58%	159
Deferred Payment Agreement (DPA)	Other	0		0		0		0
Prepaid	Other	21	25%	17	20%	47	55%	85
Rebate	Other	114	37%	93	30%	105	34%	312
ACH/EFT	Other	2	20%	3	30%	5	50%	10
No Answer	Other	125	41%	45	15%	135	44%	305
Inquiry Type Visit	Other	231	16%	751	53%	447	31%	1,429
Inquiry Type Other	Other	121	33%	74	20%	169	46%	364
Inquiry (INQ)	Active Delinquent	292	34%	333	39%	225	26%	850
Payment (PYMT)	Active Delinquent	213	30%	328	46%	177	25%	718
Do Not Disconnect (DND)	Active Delinquent	1	25%	0	0%	3	75%	4
Extension (EXT)	Active Delinquent	124	28%	189	42%	135	30%	448
Reconnect (REC)	Active Delinquent	63	33%	68	36%	60	31%	191
Inquiry (INQ)	Inactive	27	30%	22	24%	42	46%	91
Payment (PYMT)	Inactive	6	22%	12	44%	9	33%	27
Transfer Balance (TRF BAL)	Inactive	13	28%	15	32%	19	40%	47
Total transactions by location		2,536		3,606		3,798		
Grand total for all locations								9,940

Types of customer contact	Fadian	%	Hagatna	%	Tumon	%
Visit (V)	1,511	77.7%	1,691	84.1%	1,903	89.2%
Telephone (T)	52	2.7%	110	5.5%	103	4.8%
Mail (M)	369	19.0%	100	5.0%	92	4.3%
Fax (F)	0	0.0%	10	0.5%	0	0.0%
Transfer Call (TRF CALL)	0	0.0%	50	2.5%	0	0.0%
Other (OTHER)	12	0.6%	50	2.5%	36	1.7%
Total customer interactions	1,944		2,011		2,134	

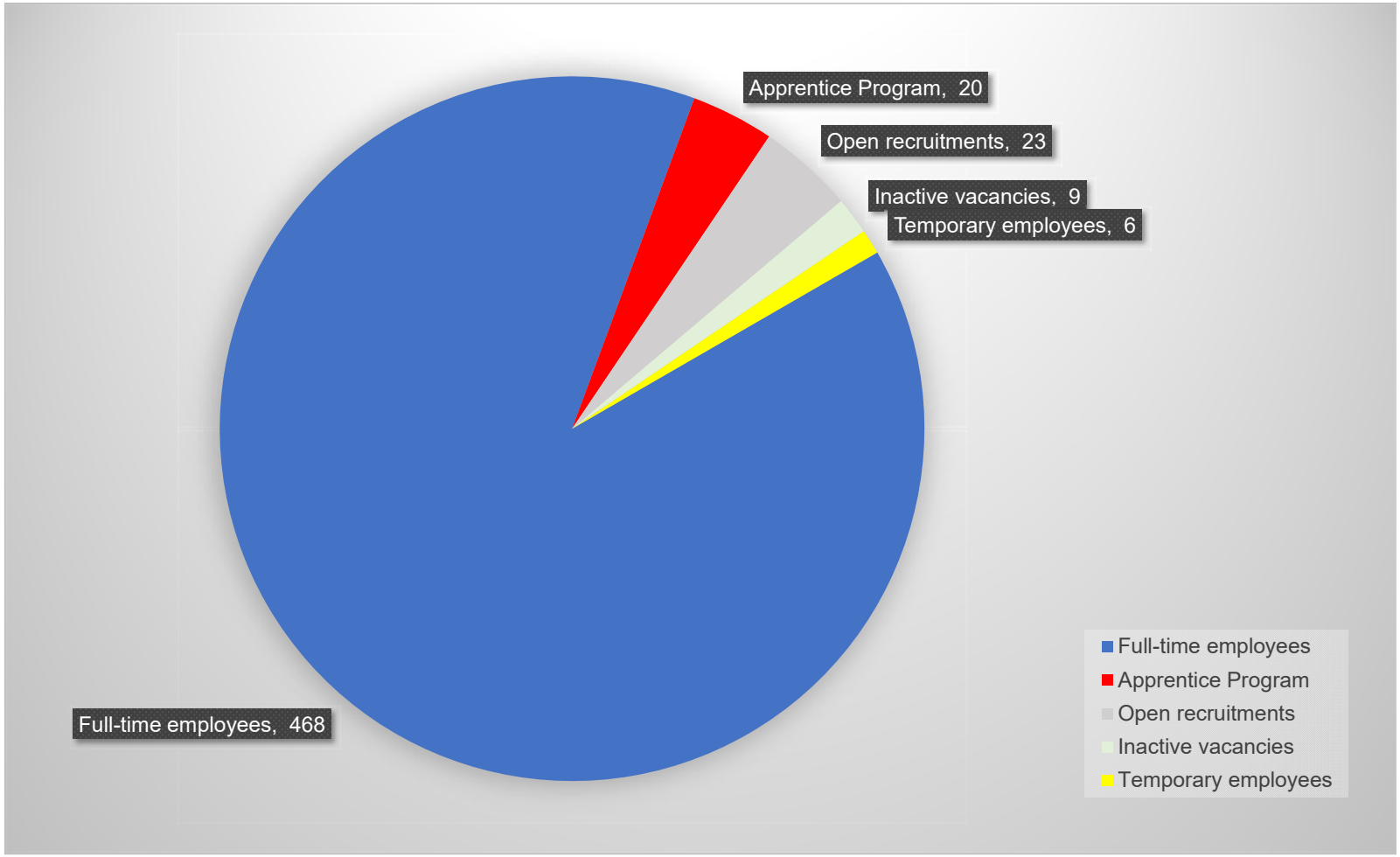
Duration of transaction	Fadian	%	Hagatna	%	Tumon	%
Less than 10 minutes	820	54%	1,227	73%	1,063	56%
10-15 minutes	195	13%	270	16%	286	15%
16-30 minutes	275	18%	178	11%	400	21%
More than 30 minutes	220	15%	15	1%	152	8%
Total customers interactions	1,510		1,690		1,901	

Guam Power Authority

Human Resources Division

FY 2019 Staffing Report

as of March 31, 2019



Guam Power Authority

Human Resources Division

FY 2019 Staffing Report

as of March 31, 2019

Department / Division / Program	Prior Month Employee Count	Current Month Employee Count	No. of Vacancies Prior Month	No. of Vacancies Current Month	Total Staffing
Assistant GM - Administration	2	2	-	-	2
Assistant GM - Engineering & Technical Services	1	1	-	-	1
Assistant GM - Operations	2	2	-	-	2
Consolidated Commission on Utilities Board	2	2	-	-	2
Customer Service	32	31	-	1	32
Engineering	38	38	1	1	39
Facilities	9	9	-	-	9
Finance	40	42	4	2	44
General Manager (GM)	4	4	-	-	4
Generation	126	125	6	5	130
Human Resources	8	8	2	2	10
Information Technology	16	16	1	1	17
Internal Audit / Revenue Protection	3	3	-	-	3
Planning and Regulatory	8	8	-	-	8
Power System Control Center	24	25	3	2	27
Procurement	20	19	2	3	22
Public Information Office	2	2	-	-	2
Safety	6	6	1	1	7
Strategic Planning and Operations Research Division	9	10	2	1	11
Transmission and Distribution	104	104	11	13	117
Transportation	11	11	-	-	11
Total full-time permanent employees	**467**	**468**	**33**	**32**	**500**
Apprenticeship Program	20	20	-	-	20
JOBS Program / GETP / SCSEP*	-	-	-	-	-
Summer Engineering Internship Program	-	-	-	-	-
Temporary hires (Public Law 34-116)	4	4	-	-	4
Work Experience Program	3	2	-	-	2
Total contractual / temporary employees	**27**	**26**	**-**	**-**	**26**
Work Force Grand Total	**494**	**494**	**33**	**32**	**526**

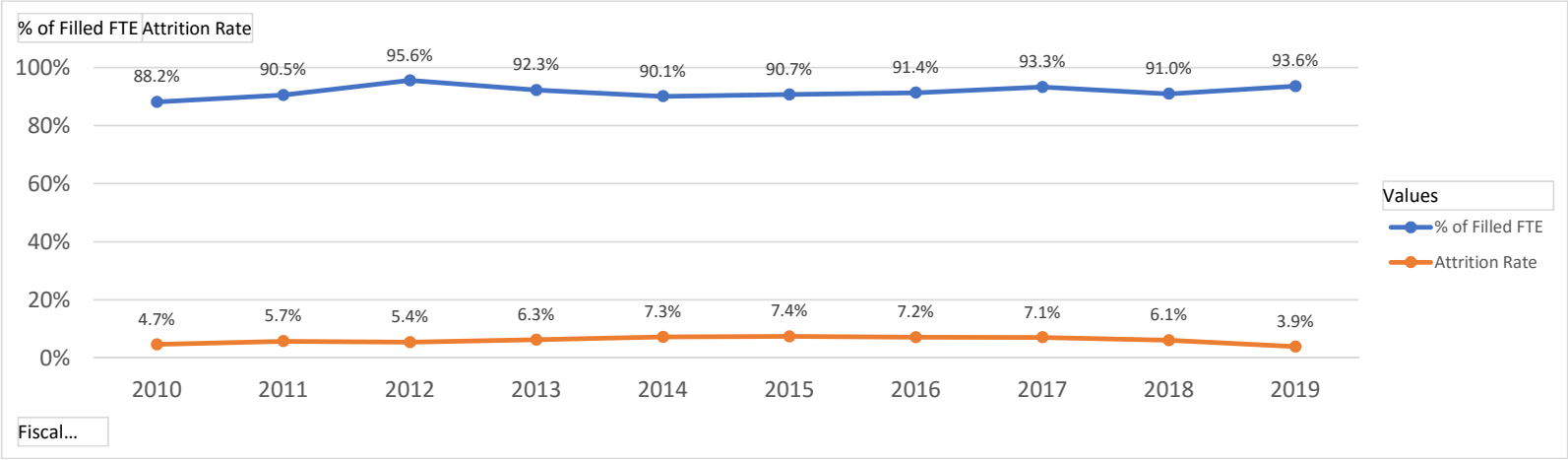
*Job Opportunities & Basic Skills (JOBS) Program, Guam Employment & Training Program (GETP), Senior Community Service Employment Program (SCSEP)

Guam Power Authority

Human Resources Division

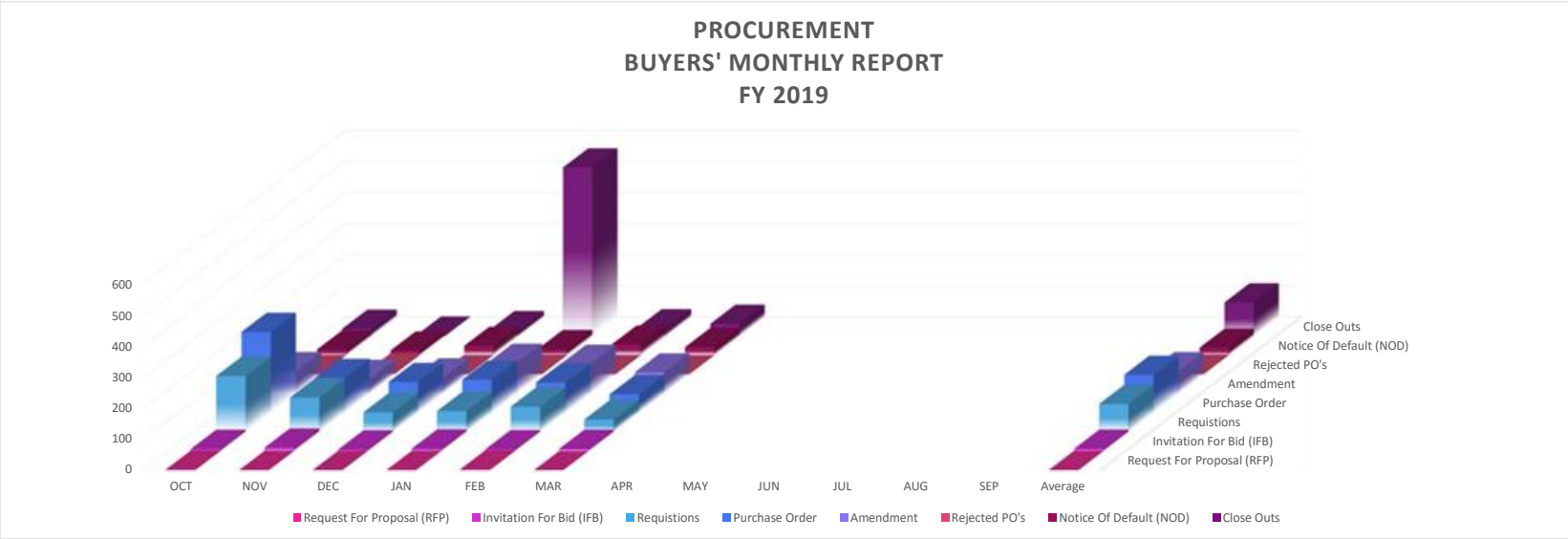
FY 2019 Recruitment Analysis

as of March 31, 2019



Fiscal Year	New Hire	Promotion	Termination	Death	Resignation	Retirement	Attrition Rate	Total Authorized FTE	Total Filled FTE at end of the FY	% of Filled FTE at end of the FY
2010	13	20	0	1	12	12	4.7%	592	522	88.2%
2011	44	23	4	0	14	12	5.7%	592	536	90.5%
2012	36	24	1	2	19	7	5.4%	568	543	95.6%
2013	15	26	1	3	14	16	6.3%	568	524	92.3%
2014	26	27	1	0	13	24	7.3%	568	512	90.1%
2015	15	25	2	1	19	16	7.4%	539	489	90.7%
2016	12	20	3	1	15	16	7.2%	510	466	91.4%
2017	42	15	0	1	13	19	7.1%	510	476	93.3%
2018	17	16	0	3	15	11	6.1%	510	464	91.0%
2019	23	13	3	2	5	8	3.9%	500	468	93.6%

GUAM POWER AUTHORITY
PROCUREMENT DIVISION
FY 2019 Buyers' Monthly Report
as of 03/31/2019



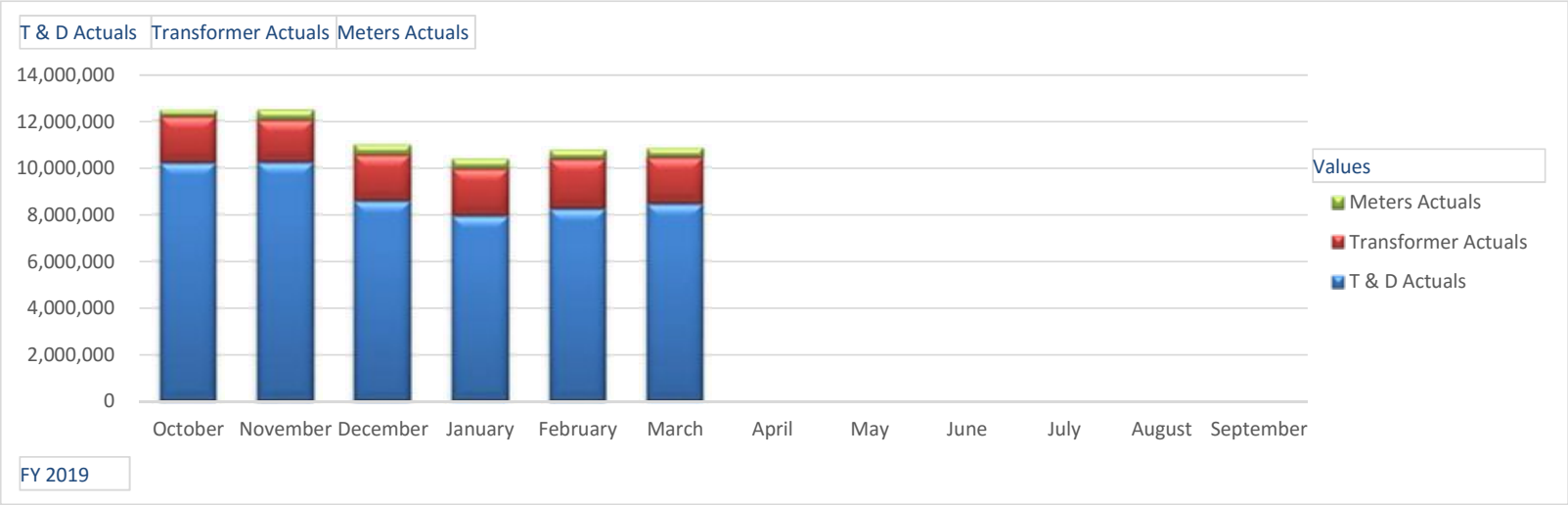
	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	Average
Request For Proposal (RFP)	2	1	1	1	3	0							1.3
Invitation For Bid (IFB)	7	11	5	8	6	7							7.3
Requistions	180	110	63	67	81	40							90.2
Purchase Order	260	112	99	106	97	59							122.2
Amendment	72	47	52	99	96	68							72.3
Rejected PO's	1	6	1	2	1	0							1.8
Notice Of Default (NOD)	18	15	30	20	34	26							23.8
Close Outs	23	1	19	543	25	39							108.3

Guam Power Authority

Procurement Division

FY 2019 Transmission and Distribution (T&D) Inventory Actuals

as of 03/31/2019



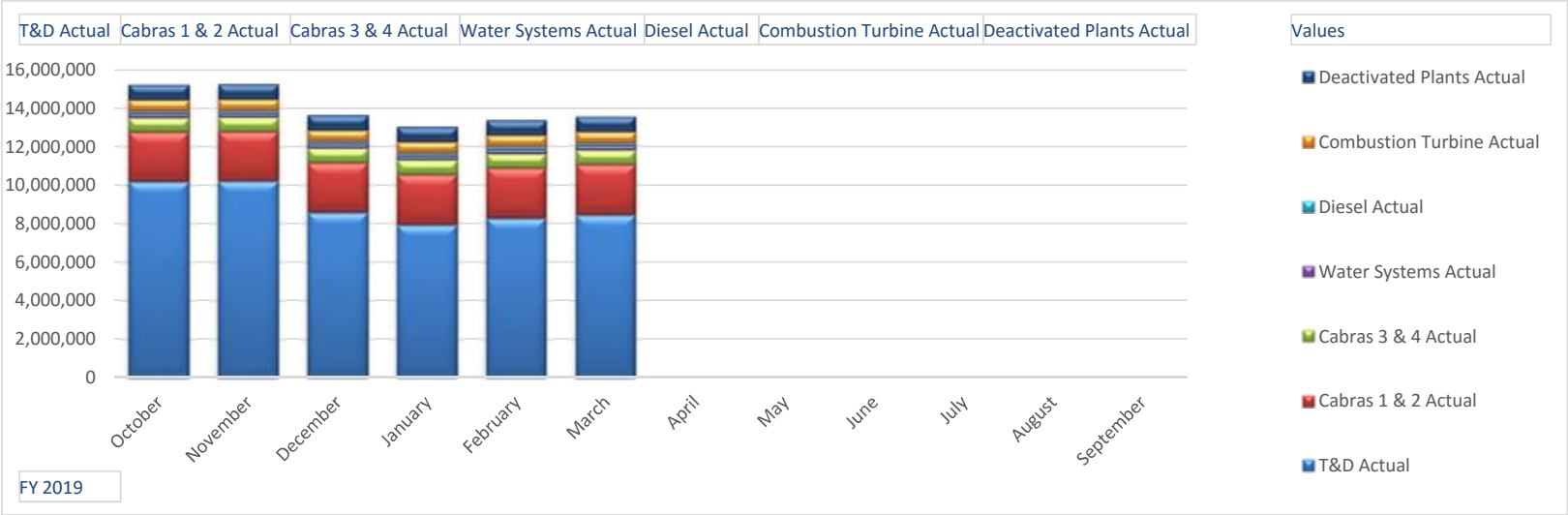
FY 2019	T&D Actuals	Transformer Actuals	Meters
October	10,192,560	1,992,628	263,348
November	10,212,445	1,814,087	445,204
December	8,581,316	1,973,234	452,004
January	7,923,172	2,020,094	430,380
February	8,230,305	2,138,182	405,900
March	8,435,835	1,992,878	397,740
April			
May			
June			
July			
August			
September			

Guam Power Authority

Procurement Division

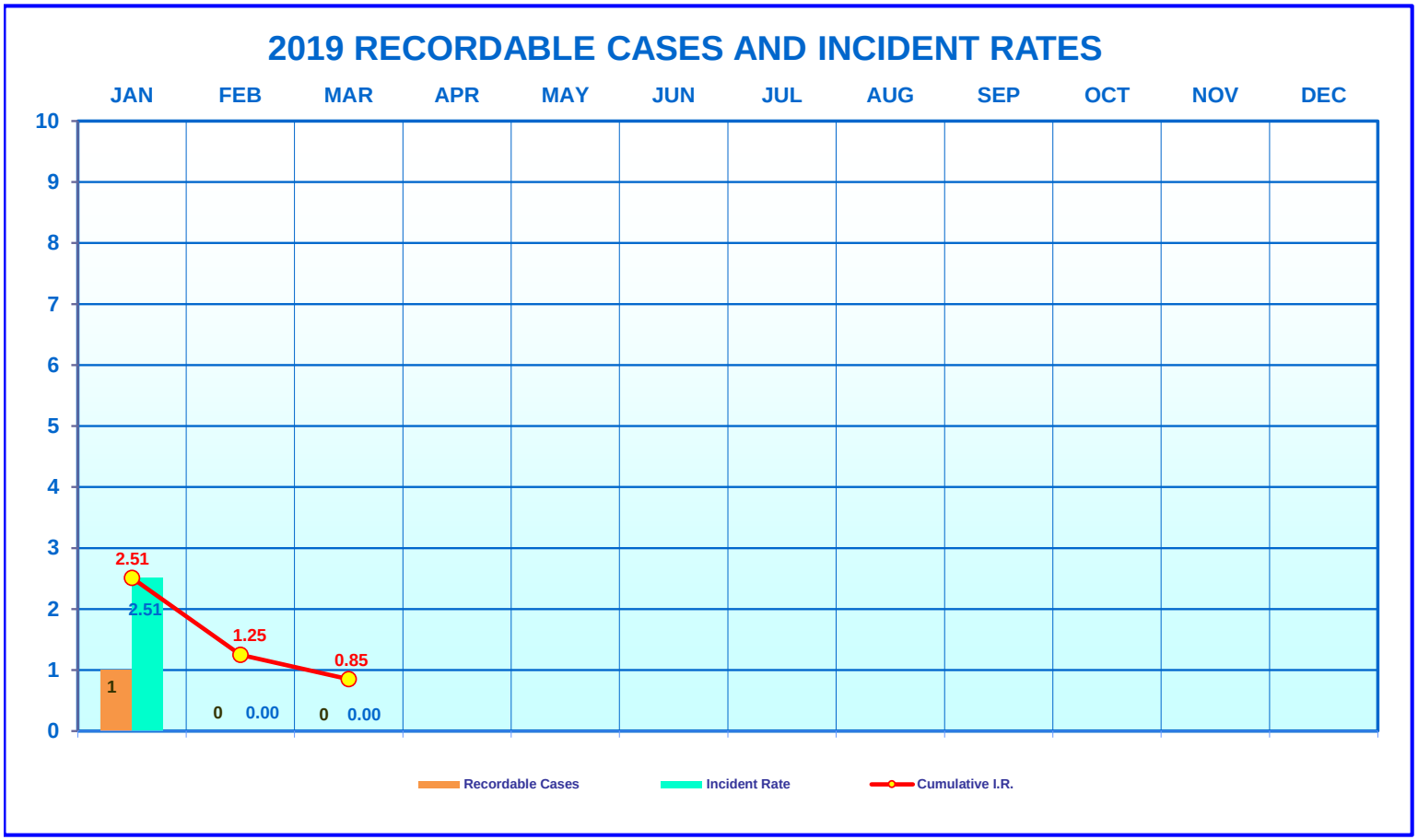
FY 2019 GPA Inventory Actuals

as of 03/31/2019



FY 2019	T&D Actuals	Cabras 1 & 2 Actuals	Cabras 3 & 4 Actuals	Water Systems Actuals	Diesel Actuals	Combustion Turbine Actuals	Deactivated Plants Actuals
October	10,192,560	2,576,234	747,186	205,212	146,311	575,635	790,114
November	10,212,445	2,574,016	747,186	219,148	146,311	575,635	790,114
December	8,581,316	2,582,779	747,186	221,514	144,680	575,635	790,114
January	7,923,172	2,614,746	747,186	223,659	144,680	575,635	790,114
February	8,260,305	2,615,482	747,186	224,309	144,680	575,635	790,114
March	8,435,835	2,613,717	747,186	232,164	144,680	574,489	788,968
April							
May							
June							
July							
August							
September							

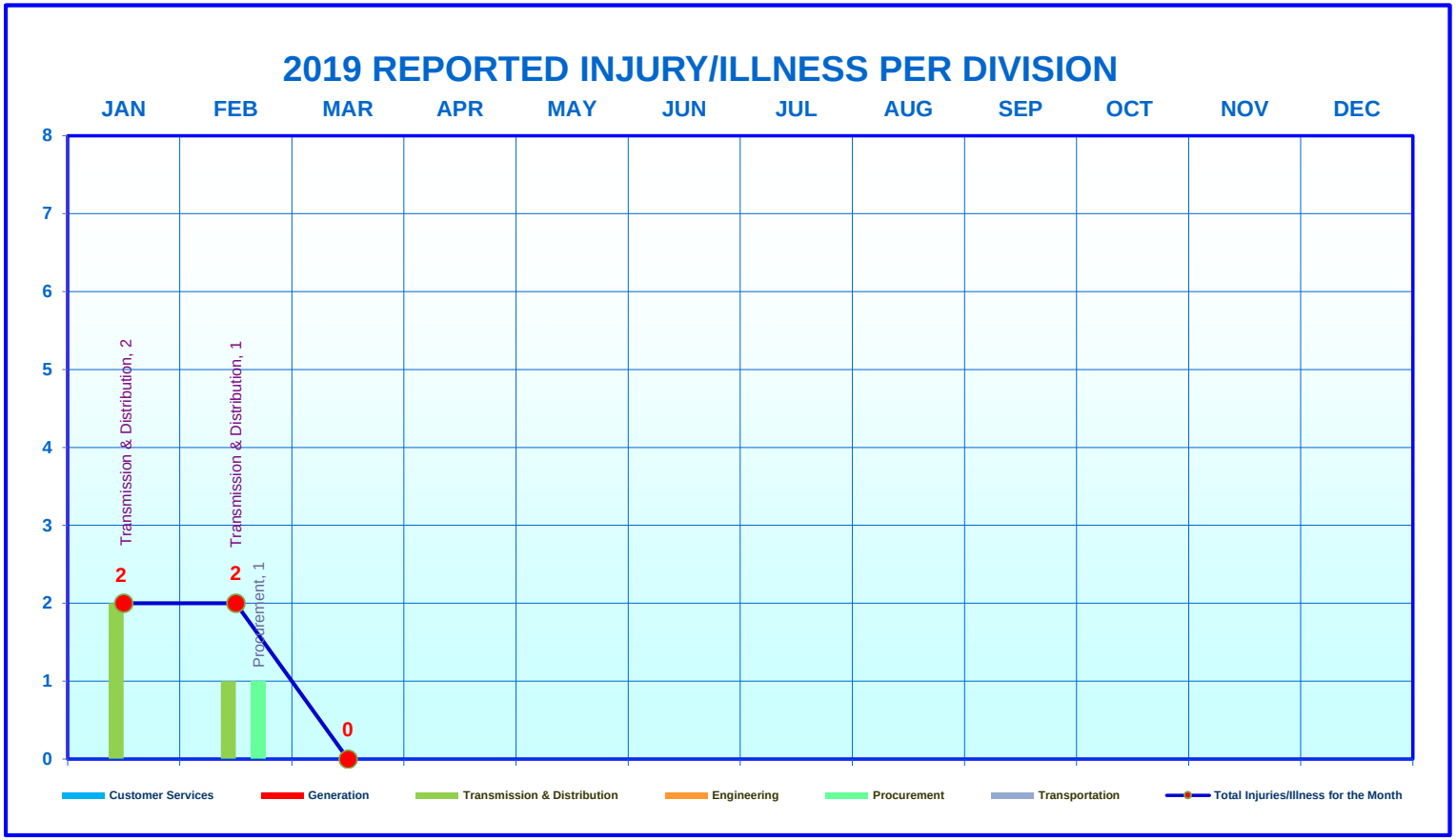
SAFETY DIVISION MONTHLY REPORT



Total Case Incident Rates = (# recordable cases x 200,000 hours) / # total annual work hours

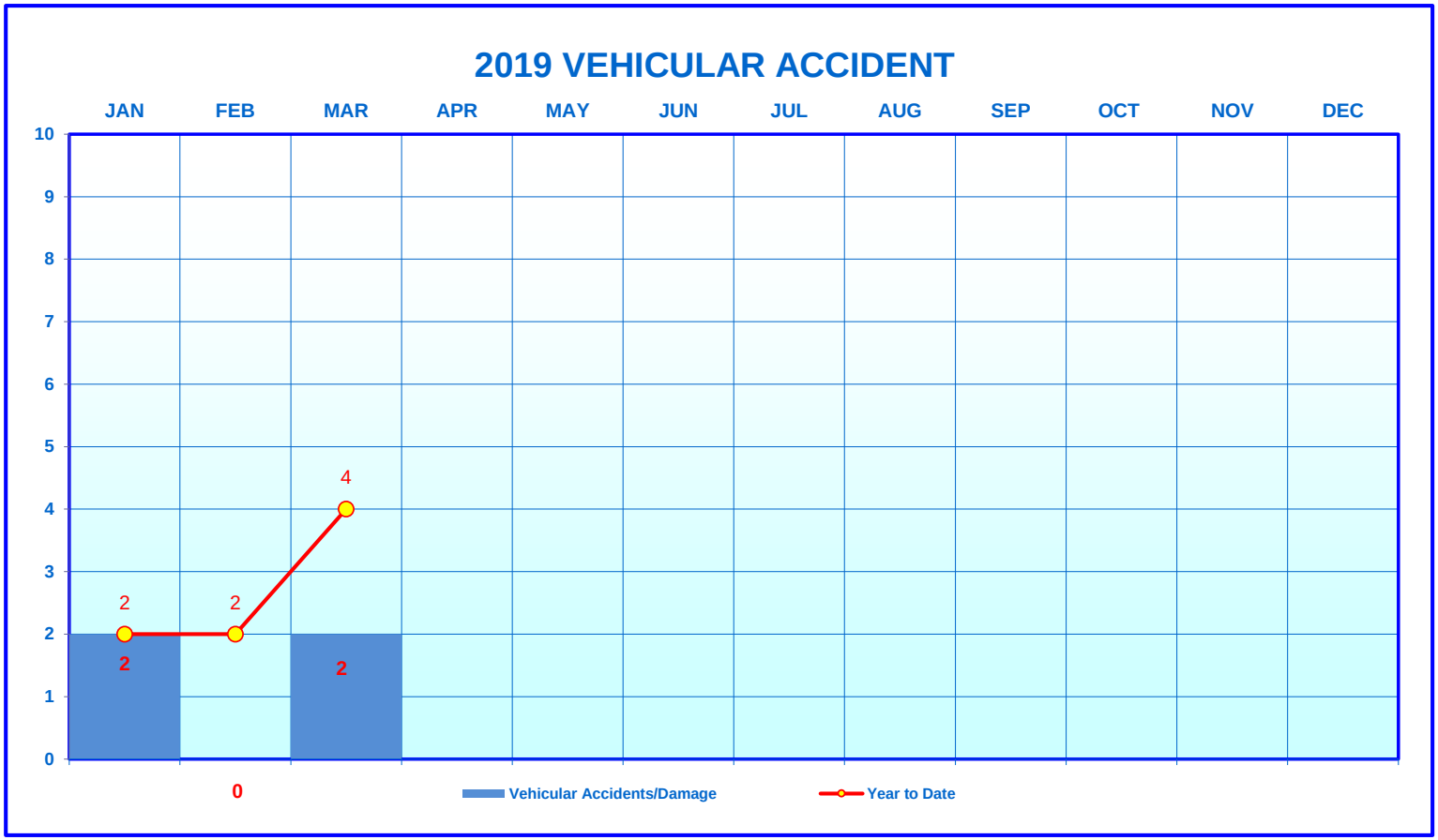
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Recordable Cases	1	0	0									
Incident Rate	2.51	0.00	0.00									
Cumulative I.R.	2.51	1.25	0.85									

SAFETY DIVISION MONTHLY REPORT



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Customer Services												
Generation												
Transmission & Distribution	2	1										
Procurement		1										
Engineering												
Transportation												
Total Injuries/Illness for the Month	2	2	0									

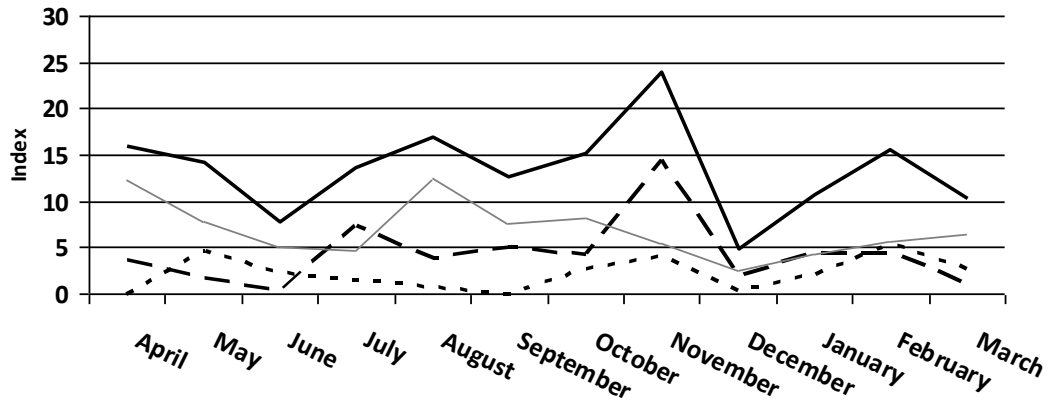
SAFETY DIVISION MONTHLY REPORT



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Vehicular Accidents/Damage	2	0	2									
Year to Date	2	2	4									

Accidents attributed to Employee fault	1	0	2									

(Item 1.1,1.2,1.5) March 2019 SAIDI = 162.10 ↓ (170.68)



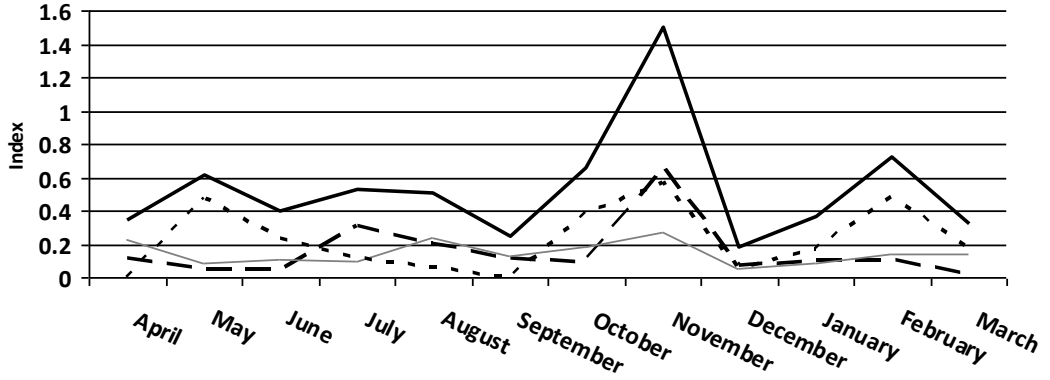
ALL

GEN=26.79 ↓ (36.75)

TRANS=53.00 ↑ (51.85)

DIST=82.31 ↑ (82.09)

(Item 1.1,1.2,1.5) March 2019 SAIFI = 6.40 ↓ (6.73)



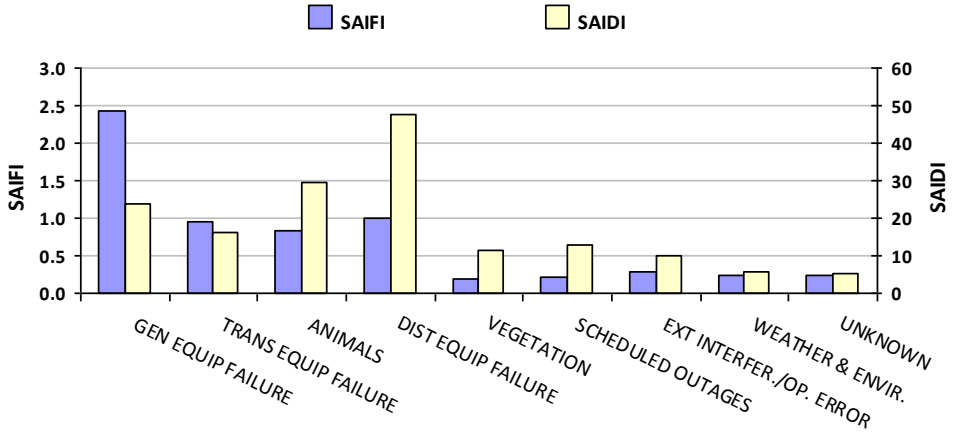
ALL

GEN=2.73 ↓ (3.10)

TRANS=1.92 ↑ (1.91)

DIST=1.74 ↑ (1.72)

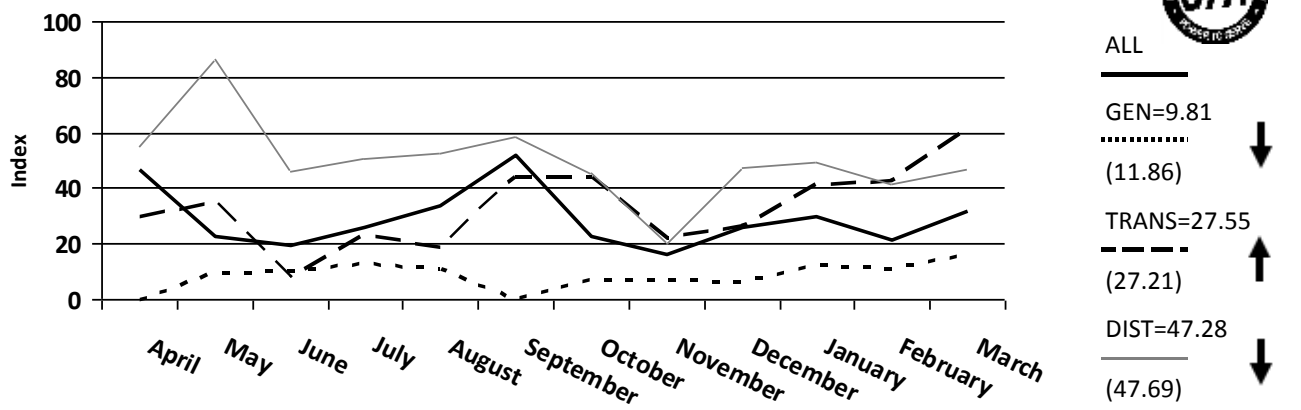
(Item 1.9) 12-Month Cause Contributions to Reliability



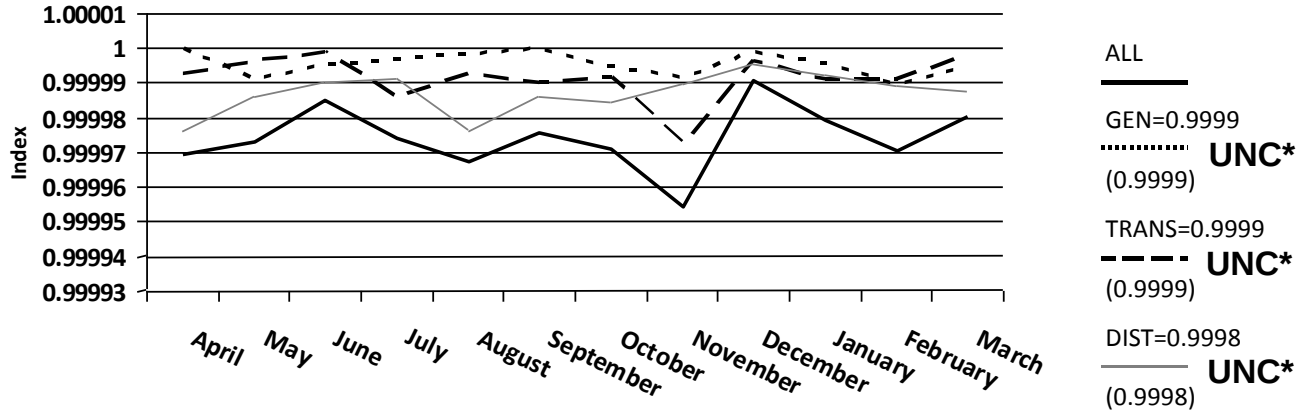
GEN EQUIP FAILURE
F:36.9% D:14.6%
TRANS EQUIP FAILURE
F:14.6% D:10.0%
ANIMALS
F:13.3% D:18.2%
DIST EQUIP FAILURE
F:14.4% D:29.5%
VEGETATION
F:2.8% D:7.1%
SCHEDULED OUTAGES
F:6.9% D:7.9%
EXT INTERFER./OP. ERROR
F:4.1% D:6.0%
WEATHER & ENVIR.
F:3.9% D:3.6%
UNKNOWN
F:3.2% D:3.1%

As of March 31, 2019

(Item 1.1,1.2,1.5) March 2019 CAIDI = 25.34 ↓ (25.38)



(Item 1.1,1.2,1.5) March 2019 ASAI = 0.9997 UNC* (0.9997)



(Item 1.4) Top 5 Worst Feeders Distribution Causes

#	Feeder	Outage Count
1	P262	13
2	P261	12
3	P340	10
4	P341	9
5	P046	9

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Wind	112
2	Overhead Equipment	54
3	Substation Equipment	19
4	Vegetation	11
5	Underground Equipment	9

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
700	268	432

(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
35.89	3.55	10.12

UNC* - Unchanged

As of March 31, 2019

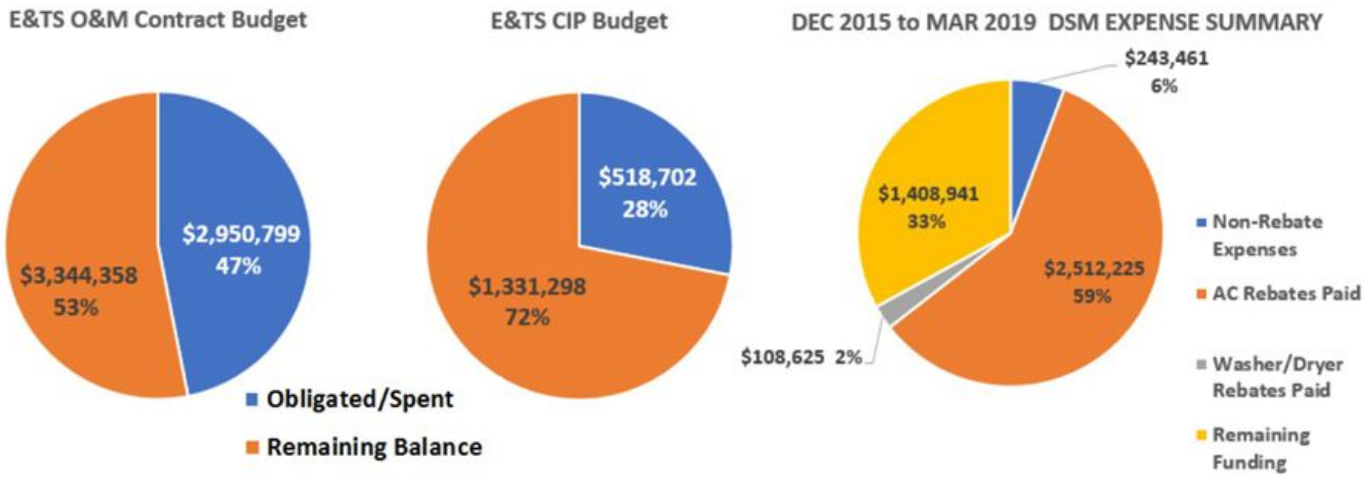
E&TS Divisional Report Summary

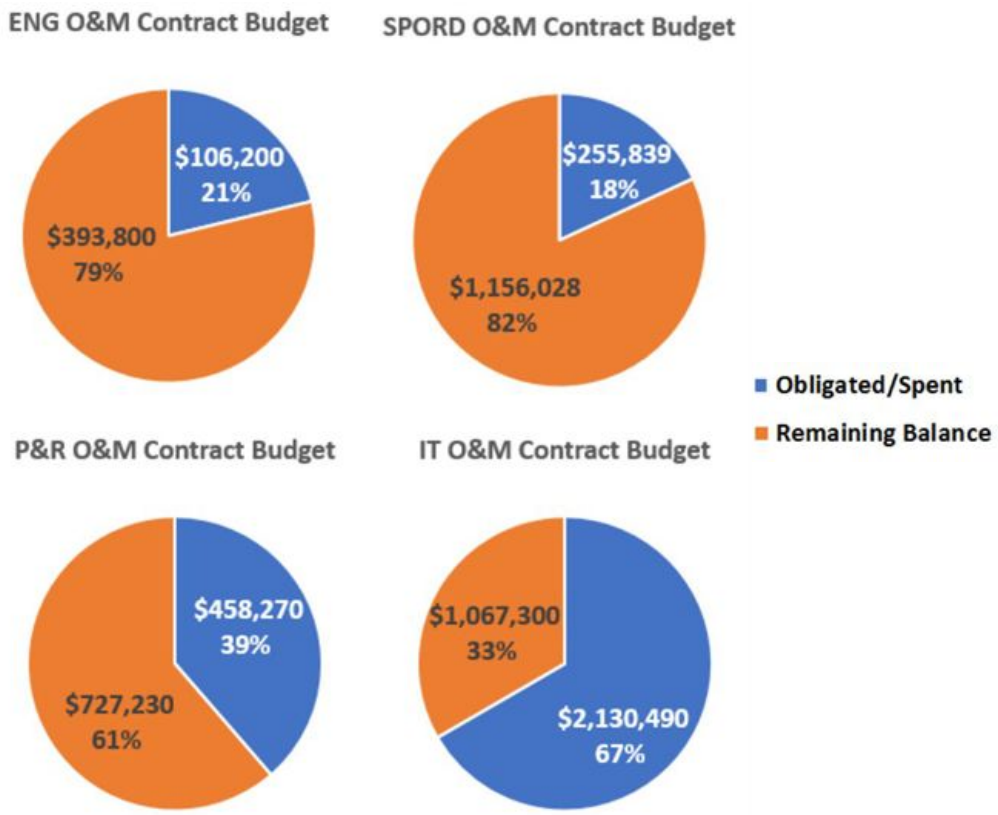
April 15, 2019

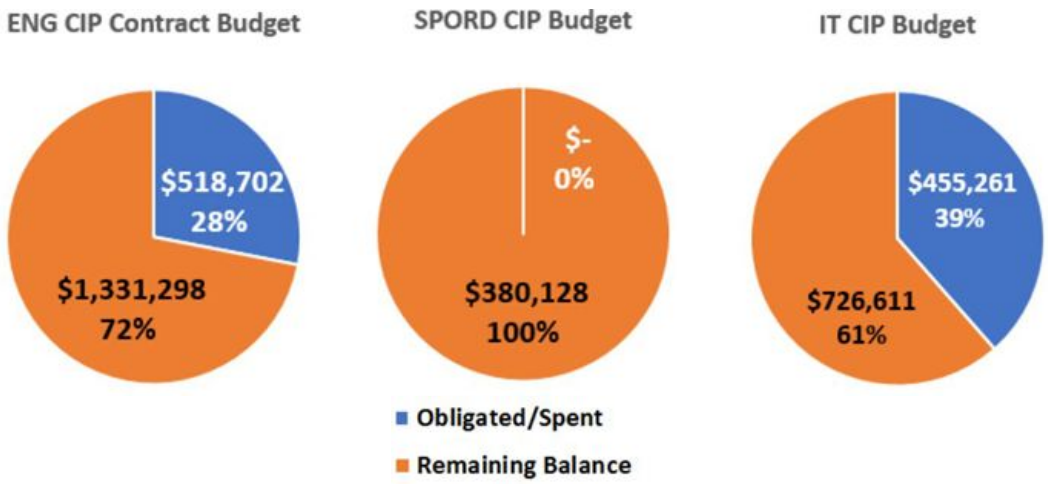
Contents

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

E&TS Budget Execution Performance




ENG O&M Contract Budget
$106,200
21%
$393,800
79%
SPORD O&M Contract Budget
$255,839
18%
$1,156,028
82%
Obligated/Spent
Remaining Balance
P&R O&M Contract Budget
$458,270
39%
$727,230
61%
IT O&M Contract Budget
$1,067,300
33%
$2,130,490
67%


ENG CIP Contract Budget
$518,702
28%
$1,331,298
72%
SPORD CIP Budget
$-
0%
$380,128
100%
IT CIP Budget
$455,261
39%
$726,611
61%
Obligated/Spent
Remaining Balance

Environmental Compliance

P&R Inspections Status Ending March 31, 2019

Inspection Type	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Generation	New Violation Notifications Issued	9
		Remediations Past Due	16
		Remediations Not Past Due	0
	T&D	New Violation Notifications Issued	0
		Remediations Past Due	4
		Remediations Not Past Due	0
Best Management Practices (BMPs)	Generation	New Violation Notifications Issued	0
		Remediations Past Due	6
		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

FY 2019 Procurement Status

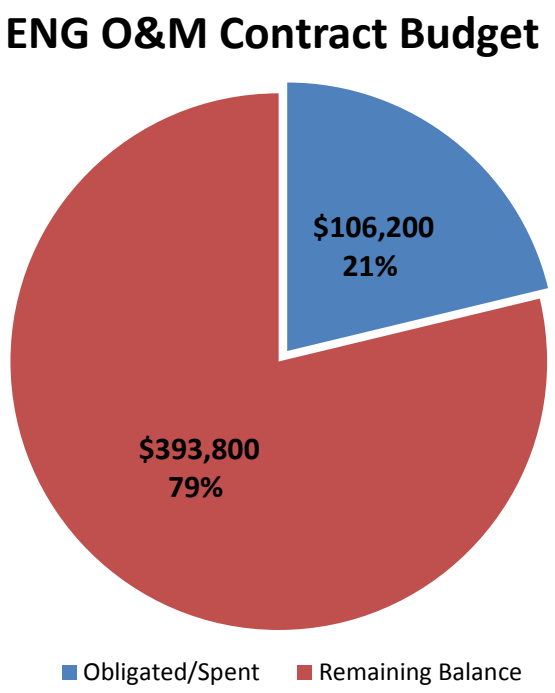
Business Unit	Current Type					Current Status			Planned			
	RFP	Bid	Multistep Bid	Total	Resolicited	QBL Established	Evaluation Completed	Award/NTP	RFP	Bid	Multistep Bid	Total
SPORD												
Engineering	2	11		13		5	5	5				
SPORD/Engineering		1		1						4		4
IT	2	2	0	4	0	0	0	0	2	2	0	4
P&R			2	2			1	2		2		2
Total	**4**	**14**	**2**	**20**	**0**	**5**	**6**	**7**	**2**	**8**	**0**	**10**

ENG Budget Execution Performance

March 31, 2019

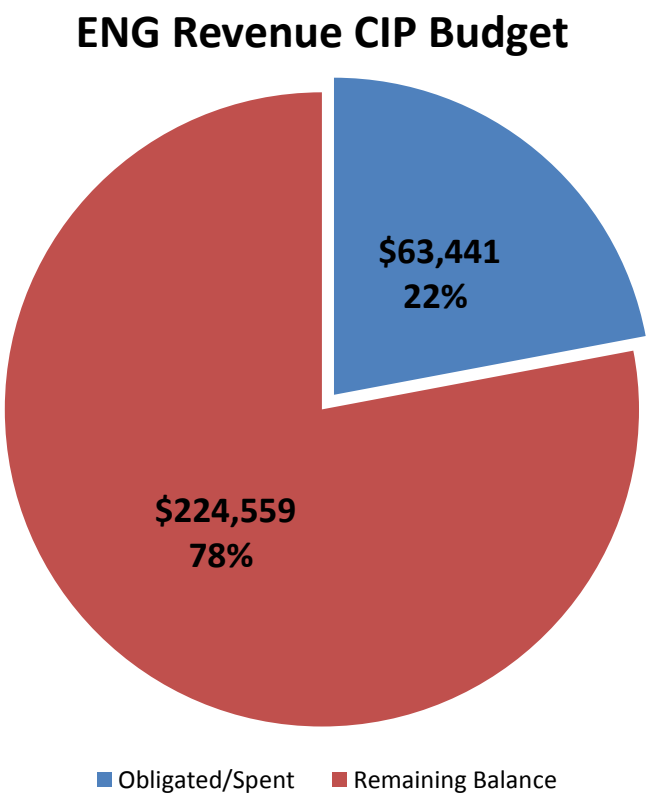
ENG O&M Contract Budget

- Revenue Funded
- Target
  - 25% CIP Obligated by April 30, 2019
  - 75% CIP Obligation by August 30, 2019
  - 100% CIP Spend by September 30, 2019



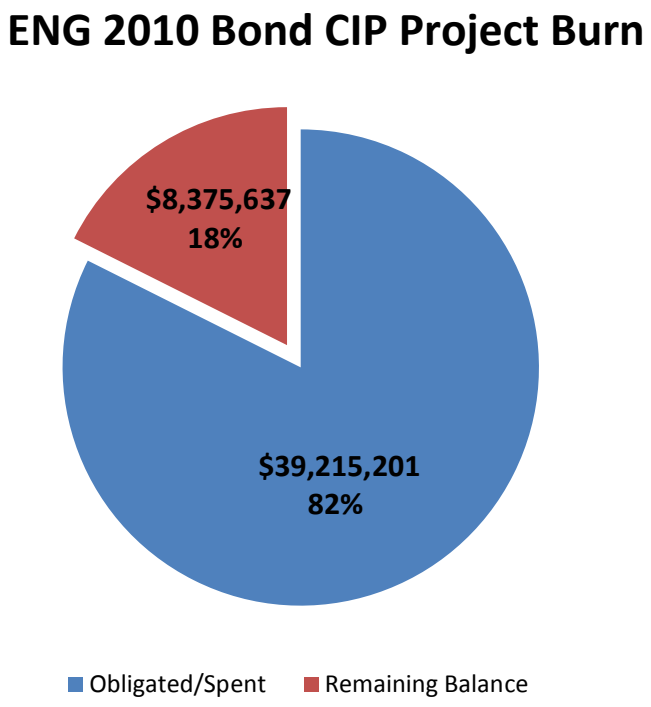
ENG Revenue CIP Budget

- Revenue Funded
- Target
  - 50% CIP Obligation by June 1, 2019
  - 100% CIP Spend by September 30, 2019



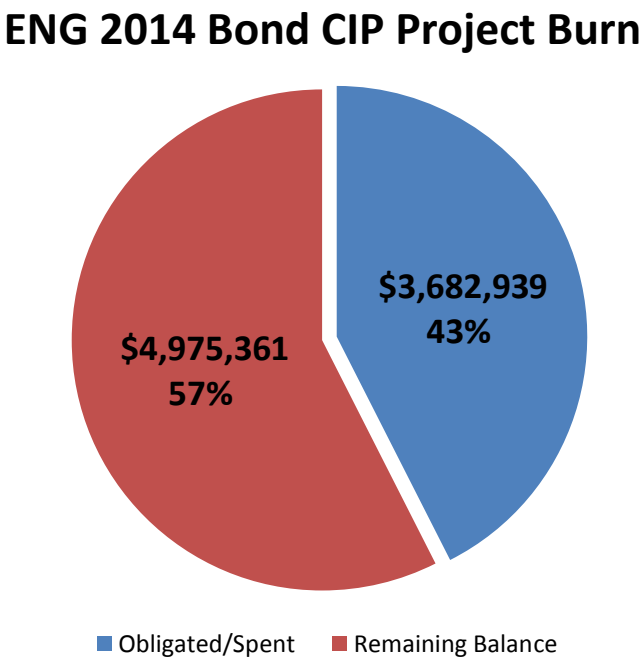
ENG 2010 Bond Series CIP Budget

- Bond Funded
- Target
  - Pending



ENG 2014 Bond Series CIP Budget

- Bond Funded
- Target
  - Pending



Infrared Inspection Worksheet

	Circuit	Last Infrared Inspection	
		Fiscal Year	Quarter
1	X065-X183	FY2017	4
2	X038-X124	FY2017	4
3	X123-X143	FY2017	4
4	H710/H760 - H502	FY2017	4
5	X023-X043	FY2017	4
6	X087-X073	FY2018	1
7	X247-X140		
8	X082-X160	FY2017	4
9	X020-X311-X336	FY2017	4
10	X039-X250	FY2018	1
11	X161-X070		
12	X006-X015/X016		
13	X024-X110	FY2017	4
14	X054-X246	FY2017	4
15	X056-X185		
16	X394-X126		
17	X173-X245		
18	H322/H326 - H401/H404		
19	H342/H346 - H402/H403		
20	H362/H366 - H750/H760		
21	H403/H404 - H602	FY2017	4
22	H612 - H501	FY2017	4
23	X021-X315-X334		
24	X022-X037-X190	FY2017	4
25	X036-X305		
26	X040-X112	FY2017	4
27	X045-X055		
28	X053-X209	FY2017	4
29	X081-X178		
30	X088-X151/X154	FY2017	4
31	X134-X180		
32	X150/X152-X221		
33	X214-X263		
34	X222-X067	FY2017	4
35	X150/X155-X071		
36	X080-X260		
37	X086-X101		
38	X093-X103		
39	X097-X227		
40	X098-X130		
41	X133-X170		
42	X174-X175		
43	X210-X226		
44	X301-X324		
45	X309-X326		

Top 10 Worst Circuits
Underground Circuits

Infrared Inspection Worksheet

	Sector	Circuit	Last Infrared Inspection	
			Fiscal Year	Quarter
1	North	P332		
2		P403		
3		P089		
4		P244		
5		P111		
6		P271	FY2017	4
7		P330		
8		P322		
9		P270		
10		P046	FY2018	1
11		P087		
12		P321		
13		P088	FY2017	4
14		P331		
15		P323		
16		P245		
17		P272		
18		P240		
19		P242		
20	Central	P212		
21		P213		
22		P202	FY2017	4
23		P201		
24		P210	FY2017	4
25		P007		
26		P250		
27		P205		
28		P206		
29		P203		
30		P253	FY2017	4
31		P283	FY2017	4
32		P280	FY2017	4
33		P311		
34		P007		
35		P211		
36		P202		
37		P251		
38		P252		
39		P201		
40		P282	FY2017	4
41		P310		
42		P204		
43		P312		
44		P281	FY2017	4
45		P400		
46	South	P340	FY2018	1
47		P261		
48		P221	FY2018	1
49		P294		
50		P341	FY2018	1
51		P005		
52		P260		
53		P003		
54		P220		
55		P298		
56		P262		
57		P223		
58		P301		
59		P005		
60		P260		

Top 10 Worst Circuits

ENGINEERING WORK ORDERS

Engineering Work Order Summary - March 2019	
Work Orders Received from CSR	84
Work Orders Processed & Released to T&D	197
Work Orders Processed & Released to CSR	19
Work Orders Cancelled	46
Work Orders Pending Survey	25
Total Pending WO at Engineering	665

Engineering Large Customer and Net Metering Tracking

Date Received	Customer Name	Work Worder Numbers	Location	KVA	Meter Qty	Status
12/20/2013	CoreTech International	Multiple	Dededo	300	64	Lada Estates, 450 kVA, Phase I and II are 100% Completed - 242 units energized. Phase III, 66 Units, 8 completed, 58 Pending, 97% Completed, 300 kVA. Phase IV currently in design phase by EMCE.
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.
5/13/2015	CoreTech International Towers, Tower 101, 102, 103, and 104	426021	Tamuning	3300	45	New condominiums, 2-1500kVA and 1 300 kVA, Tower 101 and 102 100% Completed, Tower 103 and 104 are 50% completed. Temporary power pending for Community Center, 100% Completed. First 52 Service Orders for Tower 101 is 100% completed. 44 Service Orders released to T&D for Tower 102. Work on Tower 103 and 104 ongoing.
6/1/2017	New Underground Line (P-047)	466064	Tumon	1500	1	New Undergound line 70% completed.
8/7/2017	Matsumoto, Akiyoshi	452146-49, 51, 4, 6	Tumon	60	7	New 6 Unit Apartment with Common Meter. 70% Completed.
3/1/2018	Docomo Pacific Inc., New Data Center	Pending Application	Talofofo	3000	1	New Data Center. Planned to come off P-260 and P-262. 0% Completed. Still in Design Phase.
04/01/18	HG Northeast Inc	459085	Mangilao	100	14	New 14 Unit Subdivision, 15% Completed, 100 kVA, Pending Applications
4/30/2018	Rex International	459698	Sinajana	225	1	New Central Police Precinct, 90% Completed, 225 kVA
2/28/2018	Black Construction (Route 3 Road Improvements)	458020	Dededo			Route 3 Road Improvements. Involves the relocation of upto 54 ea. 45' concrete poles. 98% Completed.
05/12/18	Bestry Corporation	450085	Hagatna	500	8	Hamilton Hotel Renovation and Rehabilitation, 8 Meters, 100% Completed, 500 kVA. Pending Completion of punchlist items.
06/06/18	Goodwind Development Corporation	461159	Dededo	225	1	New JolliBee Restaurant, 100% Completed, 225 kVA, Released to T&D
06/14/18	Guam Waterworks Authority	461363	Umatac-Merizo	300	1	New Umatac-Merizo Wastewater Treatment, 15% Completed, 300 kVA
12/13/18	Simpson, Henry M	466907, 8, 466658	Santa Rita			New Subdivision. Design Ongoing. Demand load pending completion of subdivision design.
02/01/19	Ironwood Villa Del Mar, LLC	Multiple	Mongmong/Toto	350	50	New 50 Unit Apartments, 60% completed, multiple buildings with multiple transformers.
10/01/18	Ada's Trust & Investments	464891	Hagatna	300	1	New Commercial Building. 100% completed. Pending Inspection Report.
10/10/18	Don Sadwahni	465341	Harmon	2000	1	New Industrial Subdivision, Inspection of civil work only, Proposed 12 Pad Mounted Xfmrs 70% Completed.
11/19/18	TNN Guam Primary Meter	466064	Tumon	1800	1	Permanent primary meter for Tsubaki Hotel and Nikko Hotel (1800 + 3000kVA Nikko), 79.4% Completed.
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		1	Pending Net Metering Customers as of March 31, 2019.
			Total	**14060**	**208**	

Inspection Type	Organization Responsibility
Spill Prevention, Control, and Countermeasure (SPCC)	Generation
	T&D
Best Management Practices (BMPs)	Generation

Violations Not Remediated	Number
New Violation Notifications Issued	9
Remediations Past Due	16
Remediations Not Past Due	0
New Violation Notifications Issued	0
Remediations Past Due	4
Remediations Not Past Due	0
New Violation Notifications Issued	0
Remediations Past Due	6
Remediations Not Past Due	0

NET METERING
March 2019

	Quantity	Connected kVA
Completed	1,944	21,453
Pending	1	7
Grand Total	1,945	21,460

Rate Class and Technology

Technology	Schedule	Customer Count	Total kW
Solar Energy	R - Residential	1,839	17,132.06
	J - Gen Service Dmc	34	1,823.91
	K - Small Gov Dmd	9	317.80
	L - Large Governme	2	122.80
	P - Large Power	7	640.70
	G - Gen Serv Non-D	44	1,332.96
	S - Sm Gov Non-Dm	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		**1,944**	**21,452.62**

Projection Date Ending 12/31/2019

Customer Rate Class	Sum of Size (kW)	*Annual Projected kWh Generated	Non-Fuel Yield $/kWh	Estimated Annual Revenue Loss
R	17,135.66	28,295,223	0.087492	$ 2,475,606.46
J	1,823.91	3,003,796	0.125682	$ 377,523.23
K	317.80	523,052	0.133883	$ 70,027.73
L	122.80	205,378	0.129809	$ 26,659.90
P	640.70	1,051,985	0.109950	$ 115,665.83
G	1,332.96	2,222,848	0.145397	$ 323,195.53
S	78.80	126,250	0.147902	$ 18,672.63
Grand Total	**21,452.62**	**35,428,533**	**0.087492**	**$ 3,407,351.31**

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

Estimated Annual Revenue Loss (prior to 2019 model changes)

Description	Estimated kWh	*Total Estimated Cost
FY18	34,981,036	$ 3,521,130.12
FY17	28,242,917	$ 2,828,834.71
FY16	21,867,383	$ 2,200,794.56
FY15	7,383,621	$ 856,921.27
FY14	3,137,212	$ 410,558.94
FY13	1,556,949	$ 178,996.00
FY12	494,672	$ 58,545.89
FY11	170,070	$ 18,177.13
FY10	98,830	$ 8,483.27
FY09	23,912	$ 1,656.87

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

NET METERING
March 2019

Customer Count and Connected kW by Feeder

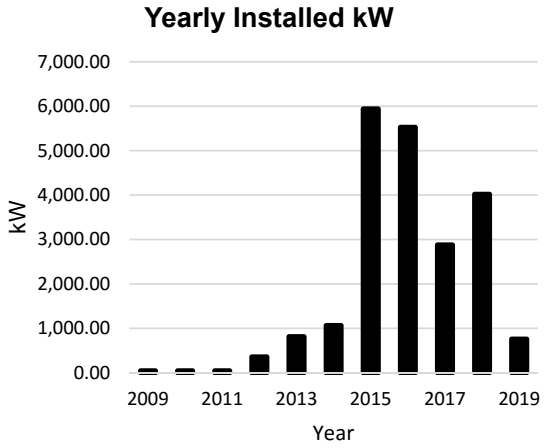
Status	Feeder	Net Metering Connected kW	Customer Count	% of Feeder Maximum kW	% of Feeder Minimum Daytime kW
Completed	P-005	263.73	25	15.3%	30.7%
	P-046	276.19	33	6.5%	9.9%
	P-088	683.34	74	11.3%	18.0%
	P-089	568.74	71	12.7%	30.6%
	P-111	190.00	3	3.5%	6.2%
	P-203	452.98	36	6.0%	17.2%
	P-204	150.38	17	3.2%	6.6%
	P-205	36.40	4	0.8%	1.3%
	P-210	579.17	56	11.3%	15.4%
	P-212	1,035.72	100	25.0%	64.8%
	P-213	303.83	12	11.6%	15.6%
	P-220	179.22	20	29.4%	92.4%
	P-221	598.28	61	13.6%	27.1%
	P-223	553.43	60	23.2%	33.2%
	P-240	58.55	2	0.9%	7.9%
	P-245	135.00	3	2.7%	5.8%
	P-250	1,181.13	117	18.2%	31.9%
	P-251	145.50	7	5.9%	9.0%
	P-253	599.03	61	13.3%	21.0%
	P-262	1,112.02	113	29.2%	70.0%
	P-270	398.22	34	7.8%	15.8%
	P-271	152.13	14	2.6%	5.5%
	P-272	263.81	19	10.3%	23.4%
	P-280	350.04	28	19.5%	36.2%
	P-281	189.70	4	6.8%	18.9%
	P-282	31.75	4	0.8%	2.6%
	P-283	573.88	52	15.8%	27.2%
	P-294	1,222.53	115	28.2%	55.9%
	P-301	213.66	23	15.1%	26.9%
	P-311	1,028.17	57	25.8%	44.1%
	P-322	1,506.31	105	19.9%	39.4%
	P-323	316.52	21	6.7%	20.8%
	P-330	649.36	81	11.9%	24.0%
	P-331	818.28	91	13.0%	21.0%
	P-332	589.27	65	10.4%	15.3%
	P-340	534.38	47	29.5%	64.9%
	P-087	1,246.64	133	31.7%	49.7%
	P-252	599.13	32	14.2%	29.0%
	P-321	345.96	32	6.2%	6.9%
	P-260	70.96	7	10.3%	35.5%
	P-067	86.20	10	1.0%	1.3%
	P-312	82.24	5	4.9%	5.7%
	P-206	26.08	3	2.7%	4.8%
	P-242	23.75	2	0.4%	1.1%
	P-310	181.57	8	6.6%	12.1%
	P-261	464.91	51	16.8%	28.8%
	P-201	52.75	7	1.5%	2.6%
	P-007	85.86	8	11.9%	25.3%
	P-244	36.56	2	2.1%	2.1%
	P-202	39.50	3	1.2%	2.9%
	P-341	4.30	1	0.4%	1.6%
	P-401	117.00	2	10.3%	17.3%
	P-400	37.64	2	3.9%	4.0%
	P261	10.97	1	#N/A	#N/A
Completed Total		**21,452.62**	**1,944**		
Pending	Pending	7.31	1	0.0%	0.0%
Pending Total		**7.31**	**1**	**0.0%**	**0.0%**
Grand Total		**21,459.93**	**1,945**		

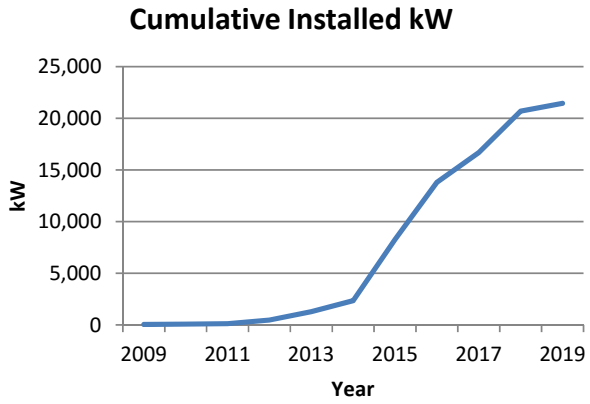
	Feeders highlighted in red indicates renewable energy capacity has exceeded 25% of feeder maximum.
	Feeders highlighted in yellow indicates renewable energy capacity has reached 75% of minimum daytime load.

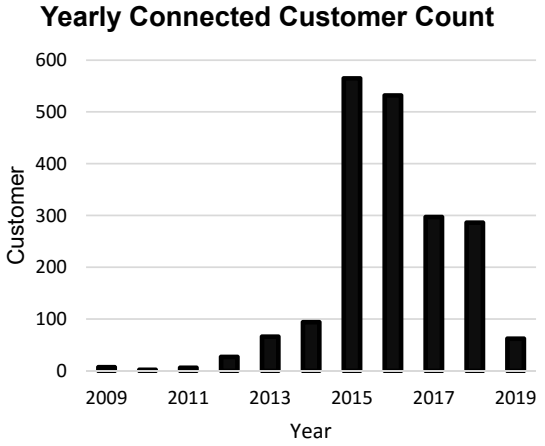
NET METERING
March 2019

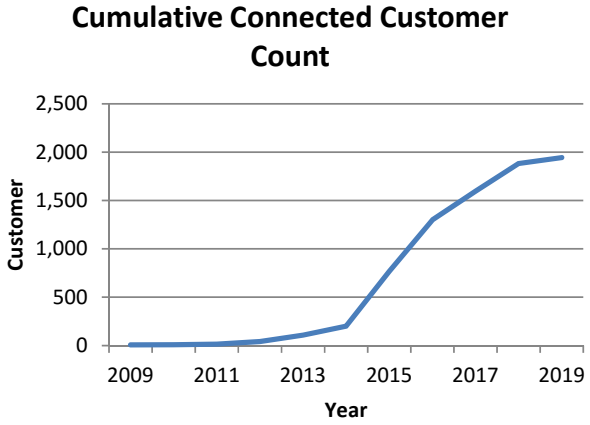
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	41.61	120.27
2012	354.61	474.88
2013	808.15	1,283.03
2014	1,060.04	2,343.07
2015	5,939.40	8,282.47
2016	5,524.58	13,807.04
2017	2,877.15	16,684.19
2018	4,015.37	20,699.56
2019	753.06	21,452.62
Grand Total	21,452.62	

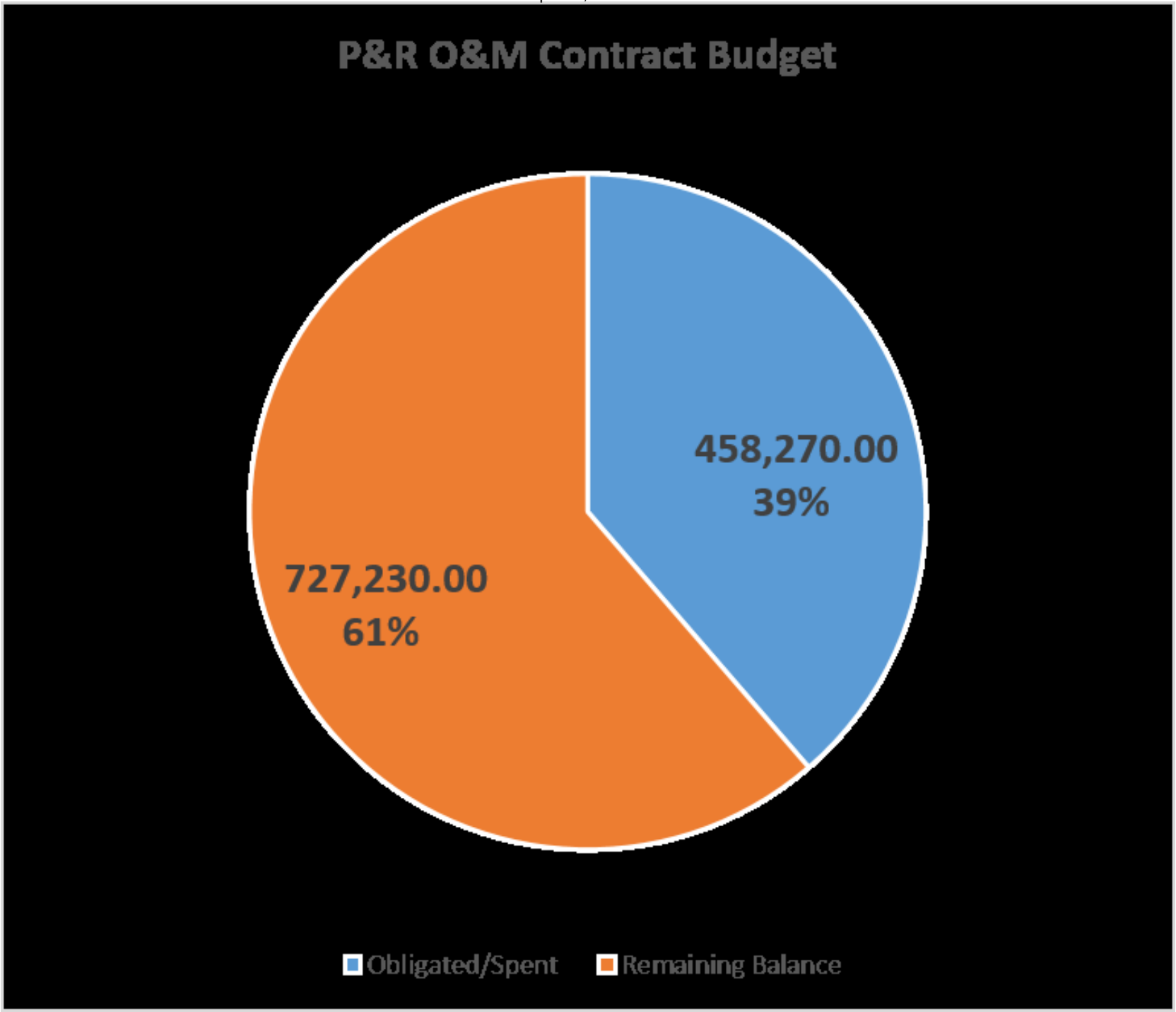
Customer Count by Year		
Year	Total	Cumulative
2009	7	7
2010	2	9
2011	6	15
2012	27	42
2013	66	108
2014	94	202
2015	565	767
2016	532	1,299
2017	297	1,596
2018	286	1,882
2019	62	1,944
Grand Total	1,944	









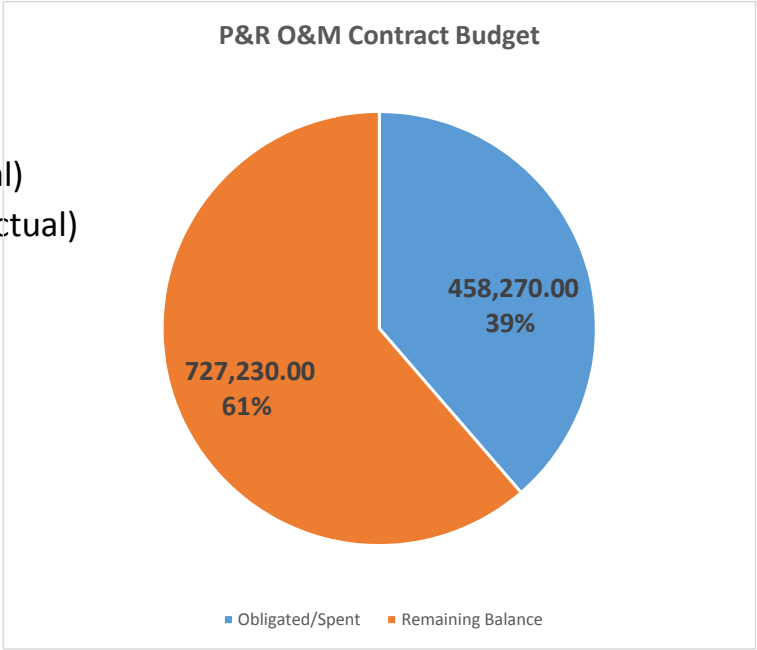

P&R O&M Contract Budget
458,270.00
39%
727,230.00
61%
Obligated/Spent
Remaining Balance

Planning & Regulatory CCU Report

March 31, 2019

Planning & Regulatory O&M Contract Budget

- Revenue Funded
- Target
  - 0.10% O&M Obligation as of October 31, 2018 (Actual)
  - 24.24% O&M Obligation as of November 30, 2018 (Actual)
  - 32.68% O&M Obligation as of Dec. 31, 2018 (Actual)
  - 38.66% O&M Obligation as of Feb. 28, 2019 (Actual)
  - 68% O&M Obligated by Sep. 30, 2019



2

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 MARCH 2019

LEGEND OF TRACKING

- Notification Date
- Completed
- Within Scheduled Remediation Period
- Deadline is Past Due

INSPECTOR: NOEL P. CRUZ

LOCATION	WE 03/08/19 FINDINGS	WE 03/15/19 FINDINGS	WE 03/22/19 FINDINGS	WE 03/29/19 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETED	RESPONSE
Infiltration Pond (Cabras 3&4)	Container van with used insulation	Container van with used insulation	Container van with used insulation	Container van with used insulation	Remove	11/16/2018	ASAP		
Power Plant Buklding (Cabras 1, 2, 3, & 4)	Drums containing soot and oily waste (rags, sorbent pads) inside C3&4	Drums containing soot and oily waste (rags, sorbent pads) inside C3&4	Drums containing soot and oily waste (rags, sorbent pads) inside C3&5	Drums containing soot and oily waste (rags, sorbent pads) inside C3&6	Schedule for proper disposal	2/14/2019	ASAP		
Cabras 1&2 Basement	Water accumulation in the basement	Water accumulation in the basement	Water accumulation in the basement	Water accumulation in the basement	Repair source of leak/monitor accumulation to prevent flooding	10/19/2018	ASAP		
Pavillion Area (Cabras 3&4 side, generator building)	Debris and soil pile near pavillion	Debris and soil pile near pavillion	Debris and soil pile near pavillion	Debris and soil pile near pavillion	Test rsults: pile of soil positive with oil. Schedule disposal	2/8/2013	ASAP		
	Rusted pavillion structure and roof	Rusted pavillion structure and roof	Rusted pavillion structure and roof	Rusted pavillion structure and roof	Demolish pavillion and schedule disposal.	1/18/2019	ASAP		
Cooling Water Intake	Rusted steel cover plates (possible source of high iron/metal content	Rusted steel cover plates (possible source of high iron/metal content	Rusted steel cover plates (possible source of high iron/metal content	Rusted steel cover plates (possible source of high iron/metal content	Remove rust & repaint steel plate covers	2/8/2019	ASAP		

T&D SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF MARCH, 2019

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	*Facility Area*	NO CORRECTIVE ACTION						
DEDEDO SUBSTATION WAREHOUSE	*Facility Area*	Improper storage of oil drums	Relocate oil drums to proper storage area. Catchment is for PCB contaminated electrical equipment storage only and must not be mixed with good oil				ASAP	January 2019
	Transformer Storage Area	*Storage of old transformers with PCB quantifiable mineral oil*	Dispose oil and discard old drums				ASAP	January 2019
MACHECHE SUBSTATION	*Secondary Containment*	NO CORRECTIVE ACTION					ASAP	January 2019
TALOFOFO SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						
TENJO SUBSTATION	*Security Fence*	Tilting on the side	Fix and secure fence and gate				ASAP	December 2018
YIGO SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						

Generation SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF MARCH, 2019

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	Used Oil Tank	Corroded and damaged tank shell coating	Chip corrosion and recoat				ASAP	Sept 2018
	Secondary Containment (Tanks 3&4)	Vegetation in tanks 3&4	Drain water, remove vegetation and contact cleanup				ASAP	January 2019
	Tank No. 1 (Cabras 1&2)	Corroded pipes and valves	Need immediate attention. Conduct repair				ASAP	August 2018
	Tank No. 4 (Cabras 3 & 4)	Leaking pipe	Repair pipe				ASAP	Sept 2018
	Supply Pipeline	Pipeline crossing the outfall; Pitting corrosion at several locations	Install secondary means of containment on the pipeline				ASAP	Sept 2018
	RFO Supply Pipe Along Pipeline	Pitting corrosion	Conduct immediate repair & recoat pipeline				ASAP	January 2019
	Lube Oil Tank (Cabras 3 & 4)	Corroded lube oil pipeline	Conduct repair				ASAP	February 2018
	Cabras 3 & 4 OWS	Heavily corroded pipeline	Remove and blank the pipe if pipeline will not be in service				ASAP	February 2018
DEDEDO CT	*Tanks 1&2 Secondary Containment*	Algae accumulation and dried leaves	Conduct cleanup				ASAP	February 2019

Generation SPCC Inspection Report (cont.)

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF MARCH, 2019

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
MACHECHE CT	Facility Area	Corrosion tank shells at T-130/140	Chip corrosion and recoat				ASAP	October 2015
		Corroded oil drums stored in drum storage area	Monitor drums frequently and use oil ASAP				ASAP	February 2019
YIGO CT	Tanks 130 and 140	Corroded tank shells	Chip corrosion & recoat tanks				ASAP	February 2019
	Secondary Containment	Algae accumulation	Conduct cleanup				ASAP	November 2018
	Drums Storage Area	Corroded oil drums stored in drum storage area	Frequently monitor drums and use oil ASAP					March 2019
		Improper storage of chemicals	Acids and bases must be stored separately to reduce risk of mixing of both chemicals				ASAP	March 2019
MANENGGON DIESEL	*Secondary Containment*	Dirt in secondary containment	Remove dirt				ASAP	March 2019
TALOFOFO DIESEL	*Facility Area*	Tank shell peeling off	Repaint tank shell				ASAP	February 2019
		Manway emergency vent corroded	Repair/repaint					March 2019
		Dirt in secondary containment	Remove dirt					March 2019
TENJO DIESEL	*Facility Area*	NO CORRECTIVE ACTION						

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Generation SPCC Inspection Report (cont.)

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF MARCH, 2019

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
PITI #7	*Main Fuel Tank, Day Tank # 1 & 2*	No integrity test	Integrity testing is required				ASAP	January 2018
	Main Fuel Tank	Corrosion forming under pipes and pipe support	Chip corrosion and recoat				ASAP	October 2018
	Day Tanks 1&2	Tank vents does not have screen	Place screen on the vents				ASAP	March 2019
	Day Tanks 1&2	Algae accumulation in sec. containment	Conduct cleanup				ASAP	March 2019
	Day Tank 2	Tank manhole is corroded	Chip corrosion and recoat				ASAP	March 2019
	Day Tank 2	Wires found near level gauge exposed to weathering	Place electrical conduit				ASAP	March 2019

Procurements Ongoing in FY 2018

Business Unit	Current Type				
	RFP	Bid	Multistep Bid	Total	Resolicited
SPORD	3	1	8	12	1
Engineering					
SPORD/Engineering		1		1	
IT	2	3	2	7	2
P&R			2	2	
Total	**5**	**5**	**12**	**22**	**3**

Current Status			Planned			
QBL Established	**Evaluation Completed**	**Award/NTP**	**RFP**	**Bid**	**Multistep Bid**	**Total**
1	4	2	4	1	2	7
				4		4
0	0	0	3	4	0	7
	1	2		2		2
1	**5**	**4**	**7**	**11**	**2**	**20**

Production Data
31-Mar-19

SYSTEM											
YEAR	MONTH	# of DAYS	GROSS GENERATION	FUEL CONSUMPTION		GROSS FUEL EFFICIENCY (Target ≥ 15.99 kWh/gal)	COST per GROSS kWh	GROSS HEAT RATE (Baseloads) PUC Target less than 9,600	GROSS HEAT RATE (Peaking) PUC Target less than 13,600	Ave. MW	Peak MW
				(gal)	(bbl)						
2017	Jan	31	142,960,618	9,226,278	219,673	15.49	$ 0.0913	9,620.29	10,965.71	192	234
	Feb	28	113,499,400	7,270,830	173,115	15.61	$ 0.0900	9,609.08	11,503.12	195	246
	Mar	31	149,402,182	9,664,440	230,106	15.46	$ 0.1014	9,719.35	11,440.45	201	246
	Apr	30	145,351,026	9,913,757	236,042	14.66	$ 0.1101	9,750.73	11,392.12	202	250
	May	31	157,573,506	11,065,930	263,475	14.24	$ 0.1170	10,067.14	11,323.20	212	256
	June	30	150,240,751	10,654,196	253,671	14.10	$ 0.1101	10,209.74	11,248.62	209	257
	July	31	150,580,050	10,622,458	252,916	14.18	$ 0.1169	9,544.54	11,837.62	202	252
	Aug	31	150,084,827	10,642,044	253,382	14.10	$ 0.1177	9,206.15	11,917.58	202	261
	Sept	30	143,990,208	10,309,304	245,460	13.97	$ 0.1152	9,541.20	13,107.05	200	254
	Oct	31	147,122,071	9,774,857	232,735	15.05	$ 0.1079	9,590.71	11,375.81	198	254
	Nov	30	147,284,781	9,783,352	232,937	15.05	$ 0.1061	9,563.85	11,257.17	205	253
	Dec	31	151,600,064	9,925,003	236,310	15.27	$ 0.1122	9,607.13	11,035.82	204	250
2018	Jan	31	147,704,057	9,563,641	227,706	15.44	$ 0.1078	9,755.40	11,029.21	199	246
	Feb	28	131,329,470	8,660,044	206,192	15.16	$ 0.1150	9,763.94	11,125.15	195	241
	Mar	31	144,370,550	9,889,634	235,467	14.60	$ 0.1345	9,183.77	11,853.09	194	244
	Apr	30	142,493,891	9,636,757	229,447	14.79	$ 0.1232	9,558.86	11,901.02	198	247
	May	31	151,201,454	10,120,017	240,953	14.94	$ 0.1342	9,549.70	11,703.13	203	249
	June	30	142,902,259	9,674,924	230,355	14.77	$ 0.1399	9,563.51	11,494.36	198	246
	July	31	139,718,862	9,726,750	231,589	14.36	$ 0.1468	9,647.53	11,909.20	188	242
	Aug	31	141,640,237	9,834,936	234,165	14.40	$ 0.1437	9,817.09	13,623.96	190	238
	Sept	30	129,965,486	9,303,709	221,517	13.97	$ 0.1526	9,383.54	13,625.29	181	240
	Oct	31	149,090,501	10,752,842	256,020	13.87	$ 0.1592	9,870.49	12,783.94	200	243
	Nov	30	139,840,706	9,348,494	222,583	14.96	$ 0.1446	9,772.22	12,091.07	194	241
	Dec	31	144,799,157	9,756,460	232,297	14.84	$ 0.1497	9,443.41	11,943.41	195	237
2019	Jan	31	134,551,799	9,056,271	215,626	14.86	$ 0.1172	9,677.80	11,506.72	181	224
	Feb	28	122,596,954	8,257,791	196,614	14.85	$ 0.1152	9,592.63	11,923.40	182	226
	Mar	31	139,964,506	9,489,626	225,943	14.75	$ 0.1309	9,586.39	12,331.54	188	234

T&D Vegetation Management
Percent Completion (per Sector Feeder)
Note: Feeders priority listing based on outages due to vegetation

Northern Sector

Feeder	Esitmated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P332	6,830	11,470	9,561	308%
P322	7,265	500	4,800	73%
P330	2,635		12,599	478%
P087	4,245	4,450		105%
P046	1,245	200		
P321	4,045	250		
P088	3,310			
P089	670	160		24%
P331	1,925	50		3%
P323	2,810			
P271	50	1,405		2810%
P270	300	1,595		532%
P245	1,660	1,200		72%
P272	150	430		287%
P111	500	475		95%
P244	920	940		102%
P240	430	430		100%
P242	290	160		55%
Total	39,280	23,715	26,960	129%

Central Sector

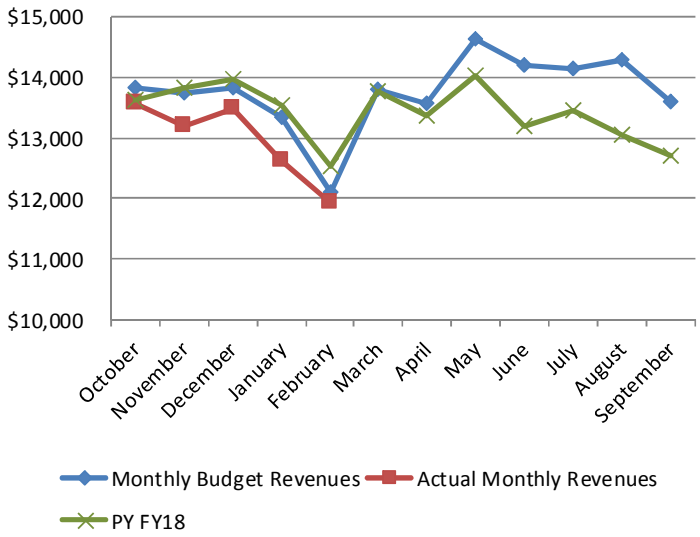
Feeder	Esitmated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P250	33,290	13,545	10,392	72%
P212	17,560	380		2%
P253	15,240			
P283	2,230	50	7,000	316%
P210	10,120	40		0%
P280	1,675	380		23%
P311	1,360			
P007	778			
P211	6,050			
P202	420			
P251	280			
P213	3,500	50		
P252	1,520		4,586	302%
P201	100			
P203	370			
P282	525			
P310	370	100		27%
P205	350			
P206	140			
P204	530			
P312	200			
P281	525			
P400	150			
Total	97,283	14,545	21,978	38%

Southern Sector

Feeder	Esitmated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P294	9,430	595	22,801	248%
P261	4,930	1,565	9,939	233%
P340	13,240	1,260	27,675	219%
P262	5,185	720	19,236	385%
P221	1,570	1,545		98%
P223	2,500	4,825		193%
P341	880	2,090	450	289%
P301	19,915	1,999	1,675	18%
P005	990	150		15%
P220	1,250	330		26%
P260	12,630	2,650		21%
Total	72,520	17,729	81,776	137%

February 2019 Monthly Financial Highlight

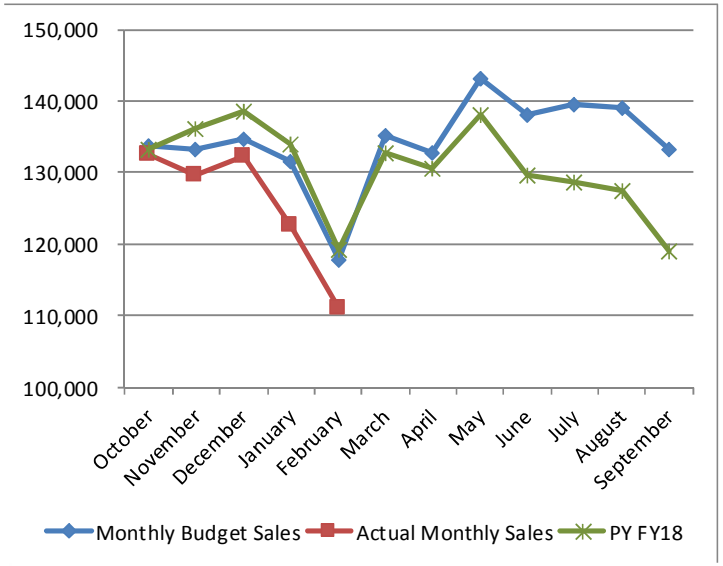
Base Rate Revenue $000



Through February 28, 2019

$000	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY18	CY vs PY Variance	
October	$ 13,811	$ 13,564	$ (246)	↓	$ 13,625	$ (61)	↓
November	13,723	13,203	$ (519)	↓	13,827	$ (624)	↓
December	13,833	13,467	$ (365)	↓	13,968	$ (501)	↓
January	13,321	12,616	$ (705)	↓	13,534	$ (918)	↓
February	12,114	11,915	$ (199)	↓	12,522	$ (607)	↓
March	13,790				13,776		
April	13,562				13,351		
May	14,630				14,011		
June	14,196				13,201		
July	14,152				13,446		
August	14,280				13,041		
September	13,590				12,707		
Total	**$ 165,002**	**$ 64,766**	**$ (2,035)**		**$ 161,010**	**$ (2,710)**	

MWh Sales

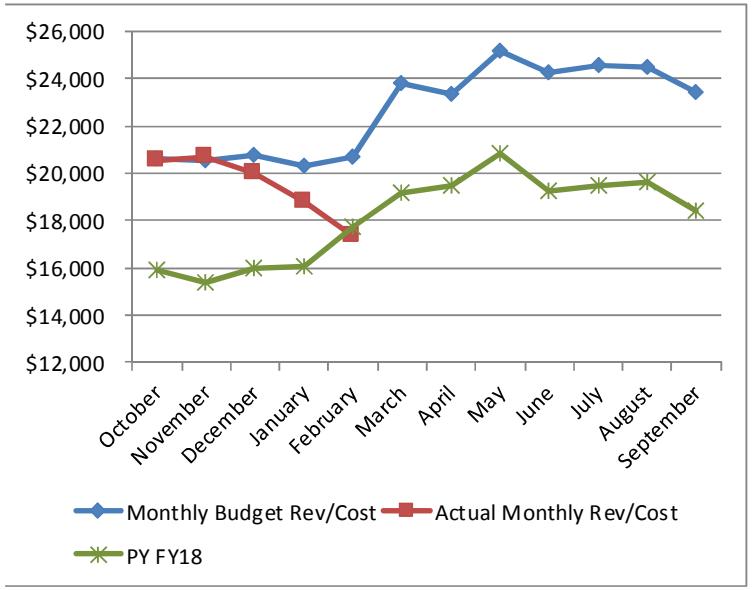


Through February 28, 2019

mwh	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY18	CY vs PY Variance	
October	133,797	132,489	(1,308)	↓	133,262	(773)	↓
November	133,346	129,537	(3,809)	↓	136,044	(6,506)	↓
December	134,715	132,190	(2,525)	↓	138,587	(6,397)	↓
January	131,547	122,590	(8,958)	↓	133,882	(11,292)	↓
February	117,775	111,159	(6,616)	↓	119,241	(8,082)	↓
March	135,196				132,693		
April	132,763				130,565		
May	143,236				138,085		
June	138,016				129,728		
July	139,434				128,681		
August	139,030				127,348		
September	133,149				118,935		
Total	**$1,612,003**	**$ 627,965**	**$(23,215)**		**$ 1,567,052**	**$ (33,052)**	

February 2019 Monthly Financial Highlight (Continued)

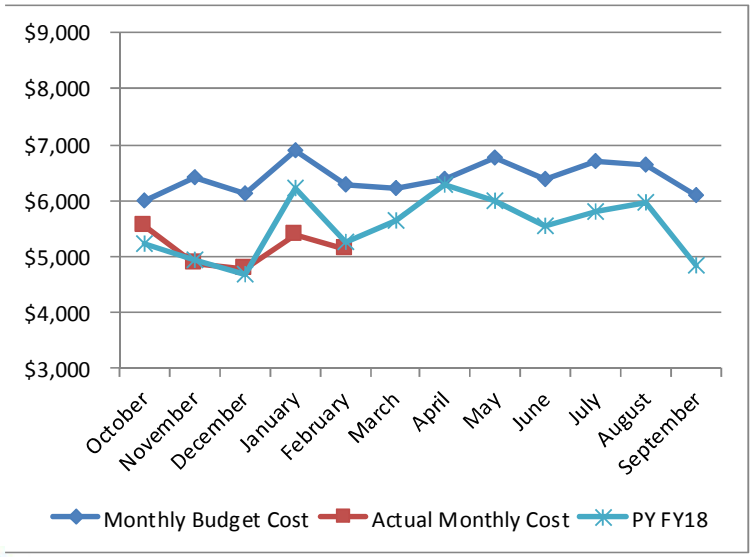
Fuel Revenue/ Cost $000



Through February 28, 2019

$000	Monthly Budget Rev/Cost	Actual Monthly Rev/Cost	Variance		PY FY18	CY vs PY Variance	
October	$ 20,637	$ 20,550	$ (87)	↓	$ 15,936	$ 4,615	↑
November	20,568	20,711	$ 143	↑	15,400	$ 5,310	↑
December	20,779	19,969	$ (810)	↓	16,007	$ 3,961	↑
January	20,290	18,822	$ (1,468)	↓	16,036	$ 2,785	↑
February	20,718	17,368	$ (3,350)	↓	17,763	$ (395)	↓
March	23,783				19,180		
April	23,354				19,441		
May	25,197				20,854		
June	24,279				19,252		
July	24,528				19,457		
August	24,457				19,608		
September	23,422				18,390		
Total	**$ 272,011**	**$ 97,419**	**$ (5,572)**		**$ 217,324**	**$ 16,277**	

O&M Cost $000



Through February 28, 2019

$000	Monthly Budget Cost	Actual Monthly Cost	Variance		PY FY18	CY vs PY Variance	
October	$ 5,986	5,551	435	↑	5,239	(312)	↓
November	6,419	4,875	1,544	↑	4,941	66	↑
December	6,119	4,762	1,358	↑	4,694	(68)	↓
January	6,882	5,399	1,483	↑	6,204	805	↑
February	6,291	5,114	1,177	↑	5,252	138	↓
March	6,231				5,638		
April	6,374				6,269		
May	6,753				6,005		
June	6,373				5,558		
July	6,710				5,797		
August	6,648				5,961		
September	6,079				4,836		
Total	**$ 76,866**	**$ 25,701**	**$ 5,997**		**$ 66,394**	**$ 629**	

February 2019 Monthly Financial Highlight (Continued)

Through February 28, 2019						
	1Q2018	2Q2018	3Q2018	4Q2018	1Q2019	2Q2019
Residential	43,898	44,065	44,074	43,887	43,920	44,018
Commercial	5,231	5,262	5,278	5,261	5,273	5,278
Government	1,076	1,086	1,092	1,077	1,090	1,077
Streetlights	908	1,005	1,091	1,152	1,151	1,149
Navy	1	1	1	1	1	1
Total	51,114	51,419	51,536	51,378	51,435	51,523

Debt service coverage (DSC) calculation-indenture	2013	2014	2015	2016	2017	2018	YTD Feb 2019
Senior lien coverage	3.36	3.16	3.62	3.28	2.65	2.68	1.92
Aggregate debt service coverage	1.88	1.98	2.62	3.28	2.65	2.68	1.92
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	2.16	2.55	2.56	2.45	1.79	1.80	1.40
Aggregate debt service coverage	1.21	1.41	1.85	2.45	1.79	1.80	1.40

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
February 2019

Attached are the financial statements and supporting schedules for the month and fiscal year ended February 28, 2019.

Summary
The increase in net assets for the month ended was $1.0 million as compared to the anticipated net decrease of $0.8 million projected at the beginning of the year. The total kWh sales for the month were 5.62% less than projected and non-fuel revenues were $0.2 million less than the estimated amount. O & M expenses for the month were $5.0 million which was $1.3 million less than our projections for the month. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to $3.0 million, which was $0.5 less than the projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	**Previous Month**	**Current Month**	**Target**
Quick Ratio	1.94	2.50	2
Days in Receivables	37	38	52
Days in Payables	36	13	30
LEAC (Over)/Under Recovery Balance -YTD	$13,336,698	$13,051,523	$13,785,874
T&D Losses	5.32%	5.32%	<7.00%
Debt Service Coverage	1.36	1.40	1.75
Long-term equity ratio	19%	19%	30 – 40%
Days in Cash	194	181	60

The Quick Ratio has been a challenge for GPA historically. However, over the last two fiscal years, the influx of cash from insurance proceeds continued to improve this ratio. GPA has current obligations of approximately $64 million and approximately $161 million in cash and current receivables. The LEAC over recovery for the month is $0.3 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

Financial Statements
February 2019

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:	Reviewed by:	Approved by:
Lenora M. Sanz Controller	John J.E. Kim Chief Financial Officer	for John M. Benavente, P.E. General Manager

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Net Position
February 28, 2019 and September 30, 2018

	Unaudited February 2019	Unaudited September 2018	Change from Sept 30 2018
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	$ 20,498,798	$ 17,997,927	$ 2,500,871
Bond indenture funds	36,386,655	49,970,719	(13,584,064)
Held by Guam Power Authority:			
Bond indenture funds	120,445,024	142,583,470	(22,138,446)
Self insurance fund-restricted	19,260,114	19,258,353	1,761
Energy sense fund	465,630	1,085,472	(619,842)
Total cash and cash equivalents	197,056,221	230,895,941	(33,839,720)
Accounts receivable, net	41,625,717	37,746,060	3,879,657
Total current receivables	41,625,717	37,746,060	3,879,657
Materials and supplies inventory	11,118,790	12,695,441	(1,576,651)
Fuel inventory	48,773,547	67,993,103	(19,219,556)
Prepaid expenses	4,888,013	979,828	3,908,185
Total current assets	303,462,288	350,310,373	(46,848,085)
Utility plant, at cost:			
Electric plant in service	1,066,120,707	1,063,192,955	2,927,752
Construction work in progress	43,273,593	28,495,325	14,778,268
Total	1,109,394,300	1,091,688,280	17,706,020
Less: Accumulated depreciation	(614,486,252)	(598,792,653)	(15,693,599)
Total utility plant	494,908,048	492,895,627	2,012,421
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,513,395	48,600,660	(87,265)
Unamortized debt issuance costs	2,385,828	2,503,448	(117,620)
Total other non-current assets	50,899,223	51,104,108	(204,885)
Total assets	849,269,559	894,310,108	(45,040,549)
Deferred outflow of resources:			
Deferred fuel revenue	13,051,523	8,370,542	4,680,981
Unamortized loss on debt refunding	26,110,081	27,093,636	(983,555)
Pension	8,698,853	8,698,853	0
Unamortized forward delivery contract costs	411,598	477,998	(66,400)
Total deferred outflows of resources	48,272,055	44,641,029	3,631,026
	$ 897,541,614	$ 938,951,137	$ (41,409,523)

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statement of Net Position, Continued
February 28, 2019 and September 30, 2018

	Unaudited February 2019	Unaudited September 2018	Change from Sept 30 2018
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	16,130,000	1,630,000	14,500,000
Current obligations under capital leases	7,546,290	13,469,594	(5,923,304)
Accounts payable			
Operations	15,517,640	47,870,908	(32,353,267)
Others	678,434	259,708	418,725
Accrued payroll and employees' benefits	1,784,066	1,949,080	(165,014)
Current portion of employees' annual leave	2,285,310	2,101,168	184,142
Interest payable	12,253,712	14,660,598	(2,406,886)
Customer deposits	8,110,519	8,142,519	(32,000)
Total current liabilities	64,305,971	90,083,575	(25,777,604)
Regulatory liabilities:			
Provision for self insurance	19,345,291	19,345,291	0
Total regulatory liabilities	19,345,291	19,345,291	0
Long term debt, net of current maturities	587,144,749	604,881,434	(17,736,685)
Obligations under capital leases, net of current portion	8,101,249	11,228,765	(3,127,515)
Net Pension liability	80,010,447	81,468,099	(1,457,652)
DCRS sick leave liability	4,008,397	4,008,397	0
Employees' annual leave net of current portion	1,086,456	1,086,456	0
Customer advances for construction	395,497	385,293	10,204
Total liabilities	764,398,057	812,487,310	(48,089,253)
Deferred inflows of resources:			
Unearned forward delivery contract revenue	1,508,713	1,752,053	(243,340)
Pension	788,894	788,894	0
Total deferred inflows of resources	2,297,607	2,540,947	(243,340)
Commitments and contigencies			
Net Position:			
Net investment in capital assets	(39,509,688)	(40,128,079)	618,392
Restricted	43,164,727	47,856,103	(4,691,376)
Unrestricted	127,190,909	116,194,856	10,996,054
Total net position	130,845,949	123,922,880	6,923,069
	897,541,615	938,951,137	(41,409,522)

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM
Statement of Revenues, Expenses and Changes in Net Assets

	February 28			Five Months Ended February 28		
	Unaudited 2019	Unaudited 2018	% of change Inc (dec)	Unaudited 2019	Unaudited 2018	% of change Inc (dec)
Revenues						
Sales of electricity	$ 29,282,613	$ 30,284,040	(3)	$ 162,185,148	$ 148,618,393	9
Miscellaneous	188,435	259,934	(28)	2,042,877	911,572	124
Total	29,471,048	30,543,974	(4)	164,228,025	149,529,965	10
Bad debt expense	(91,500)	(83,583)	9	(457,500)	(417,915)	9
Total revenues	29,379,548	30,460,391	(4)	163,770,525	149,112,050	10
Operating and maintenance expenses						
Production fuel	17,367,755	17,762,535	(2)	97,419,188	81,142,235	20
Other production	1,187,769	1,212,307	(2)	6,078,674	6,361,949	(4)
	18,555,524	18,974,842	(2)	103,497,862	87,504,184	18
Depreciation	3,131,208	2,893,871	8	15,864,245	16,132,990	(2)
Energy conversion cost	972,819	1,384,140	(30)	6,885,473	7,721,286	(11)
Transmission & distribution	824,944	1,248,333	(34)	4,408,625	5,387,644	(18)
Customer accounting	443,031	381,898	16	2,162,544	2,066,018	5
Administrative & general	2,566,533	2,325,529	10	12,594,029	12,096,351	4
Total operating and maintenance expenses	26,494,059	27,208,613	(3)	145,412,778	130,908,473	11
Operating income	2,885,489	3,251,778	(11)	18,357,747	18,203,577	1
Other income (expenses)						
Interest income	408,428	(443,559)	(192)	1,691,177	1,460,300	16
Interest expense and amortization	(2,438,264)	(2,649,935)	(8)	(12,042,246)	(13,482,485)	(11)
Bond issuance costs	88,022	67,464	30	439,110	(2,175,407)	(120)
Bid bond forfeiture	0	0	0	(1,245,000)	0	
Allowance for funds used during construction	0	196,517	(100)	0	1,217,558	(100)
Losses due to typhoon	(2,270)	0		(285,098)	(192,262)	
Other expense	(4,291)	(4,291)	0	(21,455)	(21,455)	0
Total other income (expenses)	(1,948,375)	(2,833,804)	(31)	(11,463,512)	(13,193,751)	(13)
Income (loss) before capital contributions	937,114	417,974	124	6,894,235	5,009,826	38
Capital contributions	0	70,107	0	28,837	74,902	0
Increase (decrease) in net assets	937,114	488,081	92	6,923,072	5,084,728	36
Total net assets at beginning of period (restated)	129,908,838	114,773,204	0	123,922,880	110,176,557	12
Total net assets at end of period	$ 130,845,952	$ 115,261,285	14	$ 130,845,952	$ 115,261,285	14

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Cash Flows
Period Ended February 28, 2019

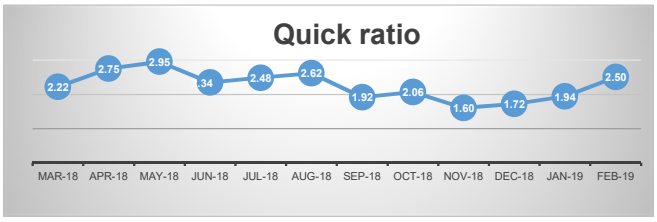
	Month Ended 2/28/2019	YTD Ended 2/28/2019
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	$31,101,574	$ 159,941,497
Cash payments to suppliers and employees for goods and services	38,700,848	150,355,349
Net cash provided by operating activities	($7,599,274)	9,586,148
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	408,428	1,691,177
Net cash provided by investing activities	408,428	1,691,177
Cash flows from non-capital financing activities		
Interest paid on short term debt	(5,950)	(32,646)
Provision for self insurance funds	-	(1,761)
Net cash provided by noncapital financing activities	(5,950)	(34,407)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(1,635,695)	(17,876,667)
Principal paid on bonds and other long-term debt	-	(1,630,000)
Interest paid on bonds(net of capitalized interest)	-	(14,052,875)
Interest paid on capital lease obligations	(102,597)	(363,612)
Interest & principal funds held by trustee	(3,460,812)	(2,500,871)
Reserve funds held by trustee	64,418	87,265
Bond funds held by trustee	1,112,398	13,584,064
Principal payment on capital lease obligations	(628,858)	(9,050,820)
Grant from DOI/FEMA	-	28,837
Debt issuance costs/loss on defeasance	(321,537)	(1,606,685)
Net cash provided by (used in) capital and related financing activities	(4,972,683)	(33,381,364)
Net (decrease) increase in cash and cash equivalents	(12,169,479)	(22,138,445)
Cash and cash equivalents, beginning	132,614,503	142,583,470
Cash and cash equivalents-Funds held by GPA, February 28, 2019	**$ 120,445,024**	**$ 120,445,024**

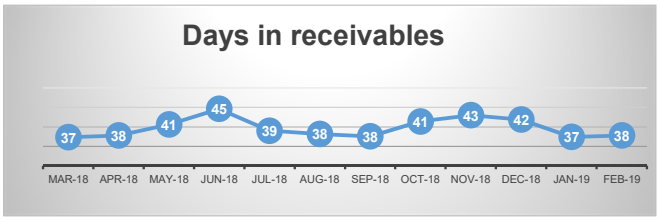
GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Cash Flows, continued
Period Ended February 28, 2019

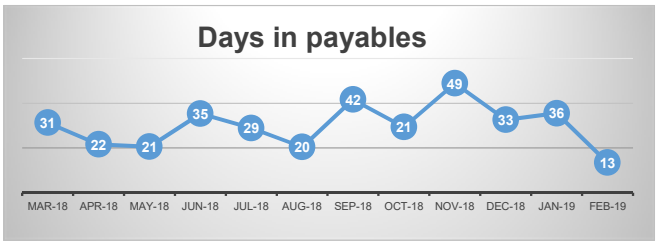
	Month Ended 2/28/2019	YTD Ended 2/28/2019
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	$2,885,489	$18,357,747
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	3,131,208	15,864,245
Other expense	81,461	(1,112,443)
(Increase) decrease in assets:		
Accounts receivable	1,762,810	(3,879,657)
Materials and inventory	(338,516)	1,576,651
Fuel inventory	11,427,195	19,219,556
Prepaid expenses	451,049	(3,908,185)
Unamortized debt issuance cost	23,524	117,620
Deferred fuel revenue	285,175	(4,680,981)
Unamortized loss on debt refunding	196,711	983,555
Unamortized forward delivery contract costs	13,280	66,400
Increase (decrease) in liabilities:		
Accounts payable-operations	(11,655,029)	(32,353,267)
Accounts payable-others	(15,568,610)	1,038,567
Accrued payroll and employees' benefits	128,027	(165,014)
Provision for self insurance	-	-
Net pension liability	(279,109)	(1,457,652)
Employees' annual leave	31,866	184,142
Customers deposits	(127,137)	(32,000)
Customer advances for construction	-	10,204
Unearned forward delivery contract revenue	(48,668)	(243,340)
Net cash provided by operating activities	**($7,599,274)**	**$ 9,586,148**

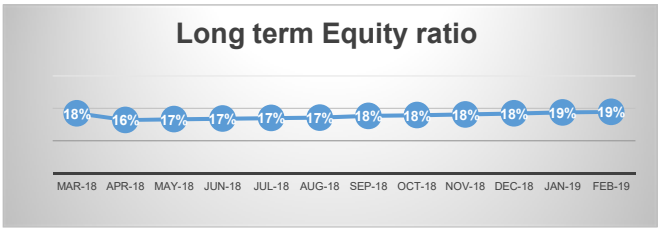
Guam Power Authority
Financial Analysis
February 28, 2019

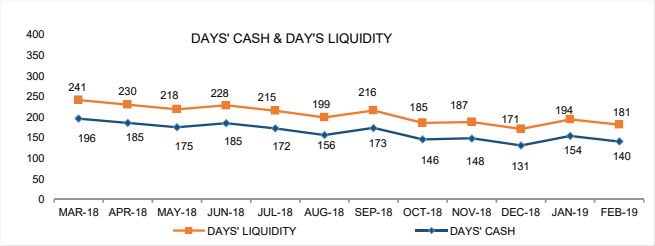
	Quick Ratio		
A	Reserve Funds Held by GPA	$	120,445,024
B	Current Accounts Receivable		40,529,020
C	Total Cash and A/R (A+B)		160,974,044
D	Total Current Liabilities		64,305,971
E	**Quick Ratio (F/G)**		**2.50**
	Days in Receivables		
A	FY 18 Moving 12 Mos.-Actual	$	391,895,627
B	No. of Days		365
C	Average Revenues per day (A/B)		1,073,687
D	Current Accounts Receivable		40,529,020
E	**Days in Receivables (D/C)**		**38**
	Days in Payables		
A	FY 18 Moving 12 Months-Actual	$	438,651,905
B	No. of Days		365
C	Average Payables per day (A/B)		1,201,786
D	Current Accounts Payables		16,196,073
E	**Days in Payables (D/C)**		**13**
	Long term equity ratio		
A	Equity	$	130,845,949.11
B	Total Long term Liability	$	562,163,807.41
C	Total Equity and liability	$	693,009,756.52
D	**Long term equity ratio (A/C)**		**19%**
	Days cash on hand		
A	Unrescricted cash & cash equivalents	$	120,445
B	No. of Days -YTD		151
C	A x B		18,187,199
D	Total Operating expenses excluding depreciation		129,549
E	**Days cash on hand**		**140**
	Days' Liquidity		
A	Unrescricted cash , cash equivalents & revolving Cre	$	155,445
B	No. of Days -YTD		151
C	A x B		23,472,199
D	Total Operating expenses excluding depreciation		129,549
E	**Days liquidity**		**181**











19-Mar-19

ACCRUED REVENUE
FEBRUARY 2019

	FOR THE MONTH ENDED FEBRUARY		FIVE MONTHS ENDED FEBRUARY	
	2019	2018	2019	2018
KWH SALES:				
Residential	33,484,048	36,809,815	194,779,583	207,254,376
Small Gen. Non Demand	5,421,847	6,154,115	32,046,336	34,082,288
Small Gen. Demand	13,414,678	14,164,319	74,453,401	77,157,122
Large General	22,118,423	23,674,407	123,768,223	130,253,282
Independent Power Producer	25,891	28,976	156,894	282,194
Private St. Lights	32,766	32,408	166,560	168,787
Sub-total	74,497,653	80,864,040	425,370,997	449,198,050
Government Service:				
Small Non Demand	1,019,279	1,119,571	5,633,133	6,146,591
Small Demand	7,207,579	7,377,578	38,912,212	39,926,301
Large	5,273,740	5,905,830	29,499,912	32,002,581
Street Lighting	791,792	669,689	3,670,051	3,565,091
Sub-total	14,292,390	15,072,669	77,715,308	81,640,563
Total	88,790,044	95,936,708	503,086,304	530,838,612
U. S. Navy	22,368,909	23,304,608	124,878,250	130,177,731
GRAND TOTAL	111,158,952	119,241,316	627,964,554	661,016,343
REVENUE:				
Residential	$ 8,491,117	$ 9,633,432	$ 48,832,363	$ 46,040,029
Small Gen. Non Demand	$ 1,599,494	$ 1,869,658	$ 9,380,850	$ 8,958,947
Small Gen. Demand	$ 3,714,204	$ 4,006,949	$ 20,477,293	$ 18,947,946
Large General	$ 5,778,637	$ 6,086,686	$ 31,913,490	$ 29,511,932
Independent Power Producer	$ 7,681	$ 7,969	$ 44,359	$ 63,044
Private St. Lights	$ 25,784	$ 25,733	$ 129,966	$ 127,140
Sub-total	$ 19,616,918	$ 21,630,428	$ 110,778,321	$ 103,649,038
Government Service:				
Small Non Demand	$ 311,171	$ 335,126	$ 1,716,369	$ 1,677,018
Small Demand	$ 2,065,940	$ 2,094,220	$ 11,186,167	$ 10,268,634
Large	$ 1,492,275	$ 1,628,297	$ 8,176,928	$ 7,937,307
Street Lighting	$ 488,836	$ 439,995	$ 2,427,582	$ 2,149,230
Sub-total	$ 4,358,222	$ 4,497,638	$ 23,507,045	$ 22,032,189
Total	$ 23,975,139	$ 26,128,065	$ 134,285,366	$ 125,681,227
U. S. Navy	$ 5,307,473	$ 4,155,974	$ 27,899,781	$ 22,937,166
GRAND TOTAL	$ 29,282,613	$ 30,284,040	$ 162,185,147	$ 148,618,393
NUMBER OF CUSTOMERS:				
Residential	44,018	43,995	44,003	43,992
Small Gen. Non Demand	4,173	4,153	4,176	4,138
Small Gen. Demand	984	991	984	983
Large General	119	118	118	118
Independent Power Producer	2	2	523	528
Private St. Lights	521	527	2	3
Sub-total	49,817	49,786	49,808	49,762
Government Service:				
Small Non Demand	678	684	679	681
Small Demand	357	351	350	351
Large	42	47	43	47
Street Lighting	628	421	628	389
Sub-total	1,705	1,503	1,700	1,467
Total	51,522	51,289	51,508	51,229
US Navy	1	1	1	1
	51,523	51,290	51,509	51,230

GPA403
19-Mar-19

GUAM POWER AUTHORITY
ACCRUED REVENUE

	TWELVE MONTHS ENDING	FEBRUARY 2019	JANUARY 2019	DECEMBER 2018	NOVEMBER 2018	OCTOBER 2018	SEPTEMBER 2018	AUGUST 2018	JULY 2018	JUNE 2018	MAY 2018	APRIL 2018	MARCH 2018
KWH SALES:													
Residential	482,871,955	33,484,048	36,661,215	41,291,151	41,148,899	42,194,270	37,207,511	39,748,314	41,361,122	42,056,621	44,782,019	41,394,961	41,541,824
Small General Non Demand	79,383,652	5,421,847	6,252,665	6,871,789	6,712,433	6,787,602	6,128,698	6,737,467	6,743,157	6,840,318	7,216,684	6,694,385	6,976,607
Small General Demand	181,901,432	13,414,678	14,926,054	15,425,672	15,054,686	15,632,311	14,018,162	15,283,605	15,161,689	15,360,000	16,316,998	15,390,268	15,917,309
Large General	300,883,190	22,118,423	24,846,497	25,790,483	26,074,017	24,938,803	23,573,240	24,724,982	25,339,577	25,263,128	26,377,222	25,681,619	26,155,199
Private Outdoor Lighting	400,829	32,766	32,878	33,401	33,984	33,531	34,933	33,511	34,288	37,088	34,126	27,531	32,791
Independent Power Producer	354,415	25,891	36,117	28,494	35,867	30,526	29,708	30,251	30,088	25,238	26,295	27,405	28,536
Sub-Total	1,045,795,472	74,497,653	82,755,426	89,440,990	89,059,886	89,617,042	80,992,253	86,558,130	88,669,920	89,582,394	94,753,344	89,216,169	90,652,265
Government Service:													
Small Non Demand	13,813,527	1,019,279	1,066,520	1,218,540	1,096,422	1,232,371	1,089,787	1,205,730	1,128,046	1,157,839	1,224,286	1,180,911	1,193,794
Small Demand	91,931,848	7,207,579	7,752,635	8,107,721	7,758,614	8,085,662	7,082,161	7,641,330	7,182,975	7,404,715	8,098,401	7,720,850	7,889,205
Large	72,147,638	5,273,740	5,782,397	6,098,140	5,989,384	6,356,251	5,873,776	6,179,381	5,707,305	5,896,149	6,622,597	6,142,309	6,226,210
Street Lighting (Agencies)	9,151,179	791,792	714,935	805,684	744,605	613,035	734,966	842,364	903,135	795,661	761,901	699,601	743,499
Sub-Total	187,044,192	14,292,390	15,316,487	16,230,084	15,589,026	16,287,319	14,780,690	15,868,805	14,921,461	15,254,364	16,707,185	15,743,671	16,052,709
Total	1,232,839,664	88,790,044	98,071,914	105,671,074	104,648,912	105,904,361	95,772,942	102,426,935	103,591,381	104,836,757	111,460,529	104,959,840	106,704,974
U.S. Navy	301,160,691	22,368,909	24,517,651	26,518,827	24,888,490	26,584,373	23,161,867	24,921,140	25,089,942	24,891,007	26,624,376	25,605,624	25,988,485
Grand Total	1,534,000,355	111,158,952	122,589,564	132,189,902	129,537,402	132,488,734	118,934,809	127,348,076	128,681,323	129,727,764	138,084,906	130,565,464	132,693,459
REVENUE:													
Residential	$ 120,615,764	$ 8,491,117	$ 9,109,499	$ 10,347,514	$ 10,286,420	$ 10,597,812	$ 9,335,975	$ 9,971,178	$ 10,379,963	$ 10,487,819	$ 11,371,498	$ 10,082,308	$ 10,154,660
Small General Non Demand	$ 23,100,742	$ 1,599,494	$ 1,844,100	$ 2,002,603	$ 1,938,660	$ 1,995,993	$ 1,793,407	$ 1,962,561	$ 1,975,429	$ 1,969,294	$ 2,127,563	$ 1,903,541	$ 1,988,097
Small General Demand	$ 49,783,296	$ 3,714,204	$ 4,135,462	$ 4,234,344	$ 4,091,967	$ 4,301,317	$ 3,892,588	$ 4,192,538	$ 4,181,623	$ 4,150,658	$ 4,513,787	$ 4,108,079	$ 4,266,730
Large General	$ 77,320,620	$ 5,778,637	$ 6,433,966	$ 6,618,506	$ 6,715,109	$ 6,367,272	$ 6,170,948	$ 6,427,049	$ 6,510,707	$ 6,533,909	$ 6,798,955	$ 6,399,879	$ 6,565,683
Private Outdoor Lighting	$ 311,865	$ 25,784	$ 26,100	$ 25,860	$ 26,021	$ 26,201	$ 26,392	$ 26,189	$ 26,302	$ 27,542	$ 26,776	$ 22,912	$ 25,785
Independent Power Producer	$ 98,426	$ 7,681	$ 10,117	$ 7,355	$ 10,699	$ 8,507	$ 8,392	$ 7,924	$ 9,619	$ 6,601	$ 7,068	$ 7,057	$ 7,406
Sub-Total	$ 271,230,715	$ 19,616,918	$ 21,559,243	$ 23,236,182	$ 23,068,875	$ 23,297,103	$ 21,227,703	$ 22,587,439	$ 23,083,643	$ 23,175,823	$ 24,845,648	$ 22,523,776	$ 23,008,362
Government Service:													
Small Non Demand	$ 4,197,241	$ 311,171	$ 328,284	$ 373,332	$ 335,403	$ 368,179	$ 335,723	$ 366,623	$ 343,795	$ 354,533	$ 372,707	$ 350,949	$ 356,541
Small Demand	$ 26,457,792	$ 2,065,940	$ 2,248,023	$ 2,372,119	$ 2,230,742	$ 2,269,343	$ 2,104,471	$ 2,213,718	$ 2,081,391	$ 2,159,463	$ 2,323,025	$ 2,164,585	$ 2,224,973
Large	$ 20,092,232	$ 1,492,275	$ 1,614,932	$ 1,688,786	$ 1,646,650	$ 1,734,285	$ 1,680,530	$ 1,733,549	$ 1,609,173	$ 1,667,786	$ 1,840,797	$ 1,676,200	$ 1,707,269
Street Lighting (Agencies)	$ 5,835,834	$ 488,836	$ 465,560	$ 498,967	$ 479,197	$ 495,021	$ 477,638	$ 499,032	$ 568,447	$ 477,183	$ 477,272	$ 452,952	$ 455,729
Sub-Total	$ 56,583,099	$ 4,358,222	$ 4,656,799	$ 4,933,204	$ 4,691,993	$ 4,866,827	$ 4,598,362	$ 4,812,921	$ 4,602,806	$ 4,658,965	$ 5,013,801	$ 4,644,687	$ 4,744,512
Total	$ 327,813,813	$ 23,975,139	$ 26,216,042	$ 28,169,387	$ 27,760,868	$ 28,163,930	$ 25,826,065	$ 27,400,361	$ 27,686,449	$ 27,834,788	$ 29,859,448	$ 27,168,463	$ 27,752,874
U.S. Navy	$ 64,081,814	$ 5,307,473	$ 5,221,857	$ 5,266,617	$ 6,152,798	$ 5,951,036	$ 5,271,574	$ 5,243,314	$ 5,217,194	$ 4,618,042	$ 5,005,555	$ 5,623,411	$ 5,202,943
Grand Total	$ 391,895,627	$ 29,282,613	$ 31,437,899	$ 33,436,004	$ 33,913,666	$ 34,114,966	$ 31,097,639	$ 32,643,674	$ 32,903,643	$ 32,452,830	$ 34,865,003	$ 32,791,874	$ 32,955,817
NUMBER OF CUSTOMERS:													
Residential	44,011	44,018	44,091	43,920	43,876	44,112	43,887	44,005	44,003	44,074	44,086	43,991	44,065
Small General Non Demand	4,174	4,173	4,180	4,166	4,176	4,183	4,159	4,185	4,183	4,173	4,172	4,183	4,154
Small General Demand	985	984	986	987	981	984	982	984	982	984	988	988	987
Large General	119	119	119	118	119	117	118	118	119	119	119	119	119
Private Outdoor Lighting	527	521	522	523	524	527	525	525	531	532	533	536	526
Independent Power Producer	3	2	2	3	3	2	3	3	3	3	4	4	3
Sub-Total	49,818	49,817	49,900	49,717	49,679	49,925	49,674	49,820	49,821	49,885	49,902	49,821	49,854
Government Service:													
Small Non Demand	684	678	679	683	667	686	677	683	690	694	691	692	689
Small Demand	351	357	356	360	327	352	353	354	351	351	350	350	350
Large	45	42	42	47	38	47	47	47	47	47	47	47	47
Street Lighting (Agencies)	589	628	628	628	628	629	627	614	612	559	526	513	479
Sub-Total	1,670	1,705	1,705	1,718	1,660	1,714	1,704	1,698	1,700	1,651	1,614	1,602	1,565
Total	51,488	51,522	51,605	51,435	51,339	51,639	51,378	51,518	51,521	51,536	51,516	51,423	51,419
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	51,489	51,523	51,606	51,436	51,340	51,640	51,379	51,519	51,522	51,537	51,517	51,424	51,420

GPA303

GUAM POWER AUTHORITY
ACCRUED REVENUE
FEBRUARY 2019

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE AMOUNT	TOTAL REVENUE C/KWH	BASE RATE REVENUE C/KWH	BASE RATE REVENUE AMOUNT	AVERAGE PER CUSTOMER KWH	AVERAGE PER CUSTOMER REVENUE	NON-FUEL C/KWH	NON-FUEL AMOUNT	0.154242 FUEL C/KWH	FUEL AMOUNT
Month												
R Residential	44,018	33,484,048	$ 8,491,117	$ 25.36	$ 25.36	$ 8,491,117	761	$ 193	$ 9.93	$ 3,326,470	$ 15.42	$ 5,164,647
G Small Gen. Non Demand	4,173	5,421,847	$ 1,599,494	$ 29.50	$ 29.50	$ 1,599,494	1,299	$ 383	$ 14.08	$ 763,218	$ 15.42	$ 836,276
J Small Gen. Demand	984	13,414,678	$ 3,714,204	$ 27.69	$ 27.69	$ 3,714,204	13,633	$ 3,775	$ 12.27	$ 1,645,996	$ 15.42	$ 2,068,208
P Large General	119	22,118,423	$ 5,778,637	$ 26.13	$ 26.13	$ 5,778,637	185,869	$ 48,560	$ 10.77	$ 2,382,941	$ 15.35	$ 3,395,696
I Independent Power Producer	2	25,891	$ 7,681	$ 29.67	$ 29.67	$ 7,681	12,946	$ 3,841	$ 14.78	$ 3,827	$ 14.89	$ 3,855
H Private St. Lights	521	32,766	$ 25,784	$ 78.69	$ 78.69	$ 25,784	63	$ 49	$ 63.27	$ 20,730	$ 15.42	$ 5,054
Sub-Total	49,817	74,497,653	$ 19,616,918	$ 26.33	$ 26.33	$ 19,616,918	1,495	$ 394	$ 10.93	$ 8,143,182	$ 15.40	$ 11,473,735
Government Service:												
S Small Non Demand	678	1,019,279	$ 311,171	$ 30.53	$ 30.53	$ 311,171	1,503	$ 459	$ 15.10	$ 153,956	$ 15.42	$ 157,216
K Small Demand	357	7,207,579	$ 2,065,940	$ 28.66	$ 28.66	$ 2,065,940	20,189	$ 5,787	$ 13.24	$ 954,228	$ 15.42	$ 1,111,711
L Large	42	5,273,740	$ 1,492,275	$ 28.30	$ 28.30	$ 1,492,275	125,565	$ 35,530	$ 13.06	$ 688,624	$ 15.24	$ 803,651
F Street Lighting (Agencies)	628	791,792	$ 488,836	$ 61.74	$ 61.74	$ 488,836	1,261	$ 778	$ 46.31	$ 366,708	$ 15.42	$ 122,128
Sub-Total	1,705	14,292,390	$ 4,358,222	$ 30.49	$ 30.49	$ 4,358,222	8,383	$ 2,556	$ 15.14	$ 2,163,516	$ 15.36	$ 2,194,706
Civilian Customers	51,522	88,790,044	$ 23,975,139	$ 27.00	$ 27.00	$ 23,975,139	1,723	$ 465	$ 11.61	$ 10,306,698	$ 15.39	$ 13,668,441
U.S. Navy	1	22,368,909	$ 5,307,473	$ 23.73	$ 23.73	$ 5,307,473			$ 7.19	$ 1,608,159	$ 16.54	$ 3,699,314
TOTAL	51,523	111,158,952	$ 29,282,613	$ 26.34	$ 26.34	$ 29,282,613	2,157	$ 568	$ 10.72	$ 11,914,857	$ 15.62	$ 17,367,756
Five Month Endings February 2019												
R Residential	44,003	194,779,583	$ 48,832,363	$ 25.07	$ 25.07	$ 48,832,363	4,426	$ 1,110	$ 9.65	$ 18,789,170	$ 15.42	$ 30,043,192
G Small Gen. Non Demand	4,176	32,046,336	$ 9,380,850	$ 29.27	$ 29.27	$ 9,380,850	7,675	$ 2,247	$ 13.85	$ 4,437,959	$ 15.42	$ 4,942,891
J Small Gen. Demand	984	74,453,401	$ 20,477,293	$ 27.50	$ 27.50	$ 20,477,293	75,633	$ 20,802	$ 12.09	$ 8,998,318	$ 15.42	$ 11,478,975
P Large General	118	123,768,223	$ 31,913,490	$ 25.78	$ 25.78	$ 31,913,490	1,045,340	$ 269,540	$ 10.43	$ 12,913,144	$ 15.35	$ 19,000,347
I Independent Power Producer	523	156,894	$ 44,359	$ -	$ -	$ 44,359	0	$ -	$ -	$ 21,014	$ -	$ 23,345
H Private St. Lights	2	166,560	$ 129,966	$ 78.03	$ 78.03	$ 129,966	69,400	$ 54,152	$ 62.61	$ 104,275	$ 15.42	$ 25,691
Sub-Total	49,808	425,370,997	$ 110,778,321	$ 26.04	$ 26.04	$ 110,778,321	8,540	$ 2,224	$ 10.64	$ 45,263,880	$ 15.40	$ 65,514,441
Government Service:												
S Small Non Demand	679	5,633,133	$ 1,716,369	$ 30.47	$ 30.47	$ 1,716,369	8,301	$ 2,529	$ 15.04	$ 847,503	$ 15.42	$ 868,866
K Small Demand	350	38,912,212	$ 11,186,167	$ 28.75	$ 28.75	$ 11,186,167	111,051	$ 31,924	$ 13.32	$ 5,184,270	$ 15.42	$ 6,001,897
L Large	43	29,499,912	$ 8,176,928	$ 27.72	$ 27.72	$ 8,176,928	682,868	$ 189,281	$ 12.48	$ 3,681,769	$ 15.24	$ 4,495,159
F Street Lighting (Agencies)	628	3,670,051	$ 2,427,582	$ 66.15	$ 66.15	$ 2,427,582	5,842	$ 3,864	$ 50.72	$ 1,861,505	$ 15.42	$ 566,076
Sub-Total	1,700	77,715,308	$ 23,507,045	$ 30.25	$ 30.25	$ 23,507,045	45,704	$ 13,824	$ 14.89	$ 11,575,047	$ 15.35	$ 11,931,998
Civilian Customers	51,508	503,086,304	$ 134,285,366			$ 134,285,366	9,767	$ 2,607		$ 56,838,927		$ 77,446,439
U.S. Navy	1	124,878,250	$ 27,899,781	$ 22.34	$ 22.34	$ 27,899,781			$ 6.35	$ 7,927,030	$ 15.99	$ 19,972,751
TOTAL	51,509	627,964,554	$ 162,185,147	$ 25.83	$ 25.83	$ 162,185,147	12,191	$ 3,149	$ 10.31	$ 64,765,958	$ 15.51	$ 97,419,190
Twelve Months Ending February 2019												
R Residential	44,011	482,871,955	$ 120,615,764	$ 24.98	$ 24.98	$ 120,615,764	10,972	$ 2,741	$ 9.64	$ 46,559,307	$ 15.34	$ 74,056,457
G Small Gen. Non Demand	4,174	79,383,652	$ 23,100,742	$ 29.10	$ 29.10	$ 23,100,742	19,019	$ 5,535	$ 13.76	$ 10,926,442	$ 15.34	$ 12,174,300
J Small Gen. Demand	985	181,901,432	$ 49,783,296	$ 27.37	$ 27.37	$ 49,783,296	184,718	$ 50,554	$ 12.04	$ 21,908,489	$ 15.32	$ 27,874,807
P Large General	119	300,883,190	$ 77,320,620	$ 25.70	$ 25.70	$ 77,320,620	2,537,314	$ 652,036	$ 10.46	$ 31,465,835	$ 15.24	$ 45,854,785
I Independent Power Producer	3	354,415	$ 98,426	$ 27.77	$ 27.77	$ 98,426	121,514	$ 33,746	$ 12.99	$ 46,029	$ 14.78	$ 52,397
H Private St. Lights	527	400,829	$ 311,865	$ 77.81	$ 77.81	$ 311,865	760	$ 592	$ 62.49	$ 250,462	$ 15.32	$ 61,404
Sub-Total	49,818	1,045,795,472	$ 271,230,715	$ 25.94	$ 25.94	$ 271,230,715	20,992	$ 5,444	$ 10.63	$ 111,156,564	$ 15.31	$ 160,074,150
Government Service:												
S Small Non Demand	684	13,813,527	$ 4,197,241	$ 30.39	$ 30.39	$ 4,197,241	20,193	$ 6,136	$ 15.08	$ 2,083,174	$ 15.30	$ 2,114,067
K Small Demand	351	91,931,848	$ 26,457,792	$ 28.78	$ 28.78	$ 26,457,792	261,976	$ 75,396	$ 13.47	$ 12,386,936	$ 15.31	$ 14,070,856
L Large	45	72,147,638	$ 20,092,232	$ 27.85	$ 27.85	$ 20,092,232	1,588,572	$ 442,398	$ 12.73	$ 9,182,955	$ 15.12	$ 10,909,277
F Street Lighting (Agencies)	589	9,151,179	$ 5,835,834	$ 63.77	$ 63.77	$ 5,835,834	15,530	$ 9,904	$ 48.46	$ 4,434,405	$ 15.31	$ 1,401,429
Sub-Total	1,670	187,044,192	$ 56,583,099	$ 30.25	$ 30.25	$ 56,583,099	112,025	$ 33,889	$ 15.02	$ 28,087,470	$ 15.23	$ 28,495,629
Civilian Customers	51,488	1,232,839,664	$ 327,813,813	$ 26.59	$ 26.59	$ 327,813,813	23,944	$ 39,333	$ 11.29	$ 139,244,034	$ 15.30	$ 188,569,779
U.S. Navy	1	301,160,691	$ 64,081,814	$ 21.28	$ 21.28	$ 64,081,814			$ 6.33	$ 19,050,124	$ 14.95	$ 45,031,690
TOTAL	51,489	1,534,000,355	$ 391,895,627	$ 25.55	$ 25.55	$ 391,895,627	29,793	$ 7,611	$ 10.32	$ 158,294,158	$ 15.23	$ 233,601,469

GPA-318 **ENERGY ACCOUNT** **FOR INTERNAL USE ONLY**

318Feb19 **FY 2019 Versus FY 2018**

	February 2019		February 2018		Y T D 2019		Y T D 2018		MOVING TWELVE MONTHS	
Gross Generation										
Number of days in Period	**28**		**28**		**151**		**61**		**365**	
Peak demand	**226**		**241**		**243**		**254**		**249**	
Date	**02/06/19**		**02/12/18**		**10/12/18**		**10/30/17**		**05/14/18**	
	KWH	**% change**	**KWH**	**% change**	**KWH**	**% change**	**KWH**	**% change**	**KWH**	**% change**
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	51,993,000		58,479,000		291,363,000		316,294,000		626,304,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	25,407,200		22,095,400		108,327,100		129,721,000		296,980,000	
MEC (ENRON) Piti 9 (IPP)	16,152,300		24,733,700		120,595,500		137,758,900		306,672,500	
TEMES Piti 7 (IPP)	4,191,687		145,493		30,778,393		5,529,245		65,562,645	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:							0			
MDI 10MW	32,486		0		101,418		21,414		1,380,262	
NRG Solar Dandan	3,251,883		3,958,838		18,383,756		18,639,217		46,045,885	
Dededo CT #1	312,020		99,340		3,027,430		483,740		14,349,760	
Dededo CT #2	355,590		172,700		3,822,690		250,000		15,799,160	
Macheche CT	5,023,637		2,531,287		25,512,528		17,366,989		56,500,280	
Yigo CT (Leased)	4,531,014		2,335,631		25,388,266		13,512,827		60,788,604	
Tenjo	2,183,050		3,076,410		10,876,930		16,140,580		36,234,480	
Talofofo 10 MW	976,760		1,402,530		4,385,400		5,029,410		12,667,890	
Aggreko	8,040,942		11,990,124		50,492,713		64,396,071		146,824,732	
Wind Turbine*	0		39,425		10,431		180,214		142,521	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
	122,451,569		**131,059,877**		**693,065,555**		**725,323,607**		**1,686,252,720**	
Ratio to last year		93.43		99.84		95.55		**101.35**		**95.12**
Station use	4,866,399		4,968,404		26,811,761		27,836,668		61,691,034	
Ratio to Gross generation		3.97		3.79		3.87		3.84		**3.66**
Net send out	117,585,170		126,091,473		666,253,794		697,486,939		1,624,561,686	
Ratio to last year		93.25		100.16		95.52		**101.56**		**95.12**
KWH deliveries:										
Sales to Navy (@34.5kv)	**22,368,909**		**23,304,608**		**124,878,250**		**130,177,731**		**301,160,691**	
Ratio to last year		95.98		102.43		95.93		**100.40**		**94.38**
GPA-metered	**95,216,261**		**102,786,865**		**541,375,544**		**567,309,208**		**1,323,400,995**	
Ratio to last year		92.63		99.66		95.43		**101.83**		**95.29**
Power factor adj.	0		0		0		0		0	
Adjusted	95,216,261		102,786,865		541,375,544		567,309,208		1,323,400,995	
GPA KWH Accountability:										
Sales to civilian customers-										
accrual basis	**88,790,044**		**95,936,708**		**503,086,305**		**530,838,612**		**1,232,839,663**	
Ratio to last year		92.55		101.13		94.77		**101.91**		**94.73**
GPA use-KWH	319,640		303,811		1,700,863		1,518,073		4,070,359	
Unaccounted For	6,106,577		6,546,346		36,588,376		34,952,523		86,490,973	
Ratio to deliveries		6.41		6.37		6.76		6.16		6.54
Ratio to Gross Generation		4.99		4.99		5.28		4.82		5.13
Ratio to Net Send Out		5.19		5.19		5.49		5.01		5.32

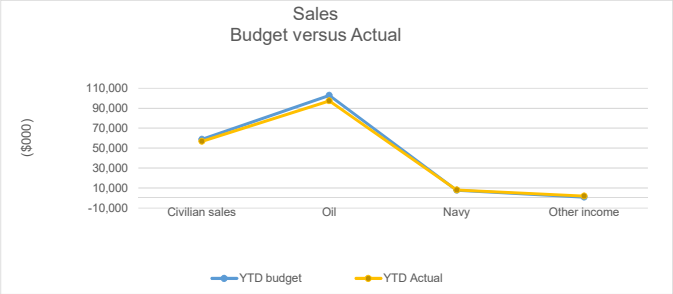
GPA-317Feb19

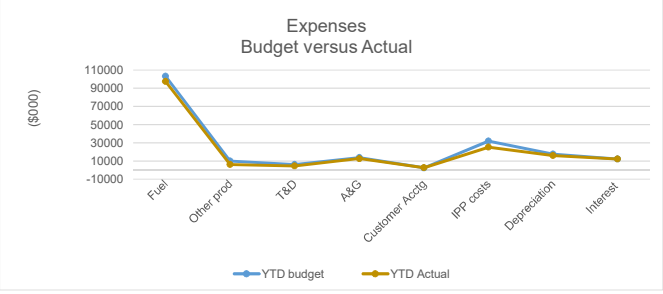
Guam Power Authority
Fuel Consumption
FY 2019

Description	February 2019 BARRELS	February 2019 AMOUNT	YEAR-TO-DATE BARRELS	YEAR-TO-DATE AMOUNT	MOVING 12 MONTHS BARREL S	MOVING 12 MONTHS 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	123,314	$9,651,257	450,290	$ 34,968,250	1,198,594	$ 85,494,030
Diesel	53,371	$4,751,596	327,897	$ 31,641,763	864,735	$ 81,508,120
Low Sulfur	19,064	$1,613,633	342,921	$ 28,996,038	663,986	$ 49,918,362
Deferred Fuel Costs	0	$285,176	0	$ (4,680,981)	0	$ 1,339,122
Fuel Adjustments	0	$0		$ 49,334	0	$ (167,334)
Fuel Handling Costs	0	$1,066,094	0	$ 6,444,784	0	$ 16,288,459
	195,749	**$17,367,755**	**1,121,108**	**$ 97,419,188**	**2,727,316**	**$ 234,380,759**
IWPS:						
GPA RFO	123,314	$9,651,257	450,290	$ 34,968,250	1,198,594	$ 85,494,030
Diesel	53,371	$4,751,596	327,897	$ 31,641,763	864,735	$ 81,508,120
Low Sulfur	19,064	$1,613,633	342,921	$ 28,996,038	663,986	$ 49,918,362
Deferred Fuel Costs	0	$285,176	0	$ (4,680,981)	0	$ 1,339,122
Fuel Variance	0	$0	0	$ 49,334		$ (167,334)
Fuel Handling Costs	0	$1,066,094	0	$ 6,444,784	0	$ 16,288,459
	195,749	**$17,367,755**	**1,121,108**	**$ 97,419,188**	**2,727,316**	**$ 234,380,759**
AVERAGE COST/Bbl.						
GPA RFO		**$78.27**		**$77.66**		**$71.33**
Diesel		**$89.03**		**$96.50**		**$94.26**
Low Sulfur		**$84.64**		**$84.56**		**$75.18**
AS BURNED						
Cabras 1 & 2						
RFO	71,531	$ 5,598,975	368,375	$ 28,574,044	750,453	$ 54,447,715
Low Sulfur	14,797	$ 1,252,418	121,763	$ 10,222,878	309,335	$ 22,487,572
Diesel	274	$ 26,859	925	$ 90,737	2,901	$ 261,861
	86,602	$ 6,878,252	491,064	$ 38,887,659	1,062,690	$ 77,197,147
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	51,783	$ 4,052,282	81,915	$ 6,394,206	448,141	$ 31,046,315
Low Sulfur	4,268	$ 361,215	221,158	$ 18,773,161	354,650	$ 27,430,790
Diesel	0	$ -	8	$ 583	37	$ 2,647
	56,050	$ 4,413,497	303,081	$ 25,167,949	802,829	$ 58,479,752
Diesel & CT's - GPA:						
MDI Dsl	0	$ -	108	$ 8,132	2,237	$ 159,342
Macheche CT	10,688	$ 917,480	54,488	$ 5,235,529	119,933	$ 11,217,429
Yigo CT	9,681	$ 841,176	54,714	$ 5,245,931	129,304	$ 12,207,096
Talofofo 10 MW	1,684	$ 148,817	7,615	$ 697,902	21,383	$ 1,951,234
Aggreko	14,272	$ 1,248,874	92,902	$ 8,784,476	270,491	$ 25,395,840
Tenjo	3,470	$ 361,372	19,097	$ 2,022,254	62,613	$ 6,216,914
TEMES (IPP)	11,217	$ 992,967	77,345	$ 7,576,783	165,543	$ 15,768,975
GWA Generators	9	$ 1,112	213	$ 27,408	1,613	$ 191,945
	53,097	$ 4,724,737	326,963	$ 31,550,443	861,797	$ 81,243,612
Deferred Fuel Costs	0	$ 285,176		$ (4,680,981)		$ 1,339,122
Adjustment		$ -		$ 49,334		$ (167,334)
Fuel Handling Costs	0	$ 1,066,094		$ 6,444,784		$ 16,288,459
TOTAL	**195,749**	**$ 17,367,755**	**1,121,108**	**$ 97,419,188**	**2,727,316**	**$ 234,380,759**

Statement of operations
Comparison-Budget versus Actual
For the month and year to date ended February 28, 2019

	Budget	Actual February-19	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	95,681	98,072	-2,391	525,265	512,368	12,897
Non-fuel yield	$ 0.105717	$ 0.105096	$ 0.000621	$ 0.105717	$ 0.110934	$ (0.005217)
KwH Sales-Navy	22,094	24,518	-2,424	125,915	127,027	-1,112
Non-fuel yield	$ 0.062350	$ 0.065584	$ (0.003234)	$ 0.062350	$ 0.062404	$ (0.000054)
Operating revenue						
Civilian sales	$ 10,736	$ 10,307	$ 429	$ 58,950	$ 56,839	$ 2,111
Oil	20,718	17,368	3,350	102,991	97,420	5,571
Navy	1,378	1,608	(230)	7,851	7,927	(76)
Other income	168	188	(20)	842	2,043	(1,201)
	33,000	29,471	3,528	170,634	164,229	6,405
Bad debts expense	92	92	-	458	458	-
Total operating revenues	$ 32,908	$ 29,380	$ 3,528	$ 170,176	$ 163,771	$ 6,405
Operating expenses:						
Production fuel	$ 20,718	$ 17,368	$ 3,350	$ 102,991	$ 97,419	$ 5,572
O & M expenses:						
Other production	1,982	1,188	794	9,929	6,079	3,850
Transmission distribution	1,360	825	535	6,220	4,409	1,811
Administrative expense	2,581	2,567	14	13,570	12,594	976
Customer accounting	368	443	(75)	1,980	2,163	(183)
	6,291	5,022	1,268	31,698	25,244	6,454
IPP costs	1,347	973	374	6,737	6,885	(149)
Depreciation	3,501	3,131	370	17,507	15,864	1,642
	$ 31,857	$ 26,494	$ 5,363	$ 158,933	$ 145,413	$ 13,520
Operating income	$ 1,051	$ 2,886	$ (1,835)	$ 11,244	$ 18,359	$ (7,115)
Other revenue (expenses):						
Investment income	177	408	(231)	885	1,691	(806)
Interest expense	(2,414)	(2,438)	25	(12,228)	(12,042)	(186)
AFUDC	202	-	202	1,008	-	1,008
Bid bond forfeiture	-	-	-	-	(1,245)	1,245
Losses due to typhoon	-	(2)	2	-	(285)	285
Bond issuance costs/Other expenses	142	84	59	712	417	294
Net income before capital contribution	(842)	938	(1,780)	1,620	6,895	(5,276)
Grants from the U.S. Government	-	-	-	-	29	(29)
Increase (decrease) in net assets	$ (842)	$ 938	$ (1,780)	$ 1,620	$ 6,924	$ (5,305)





Guam Power Authority
Debt service coverage
February 28, 2019

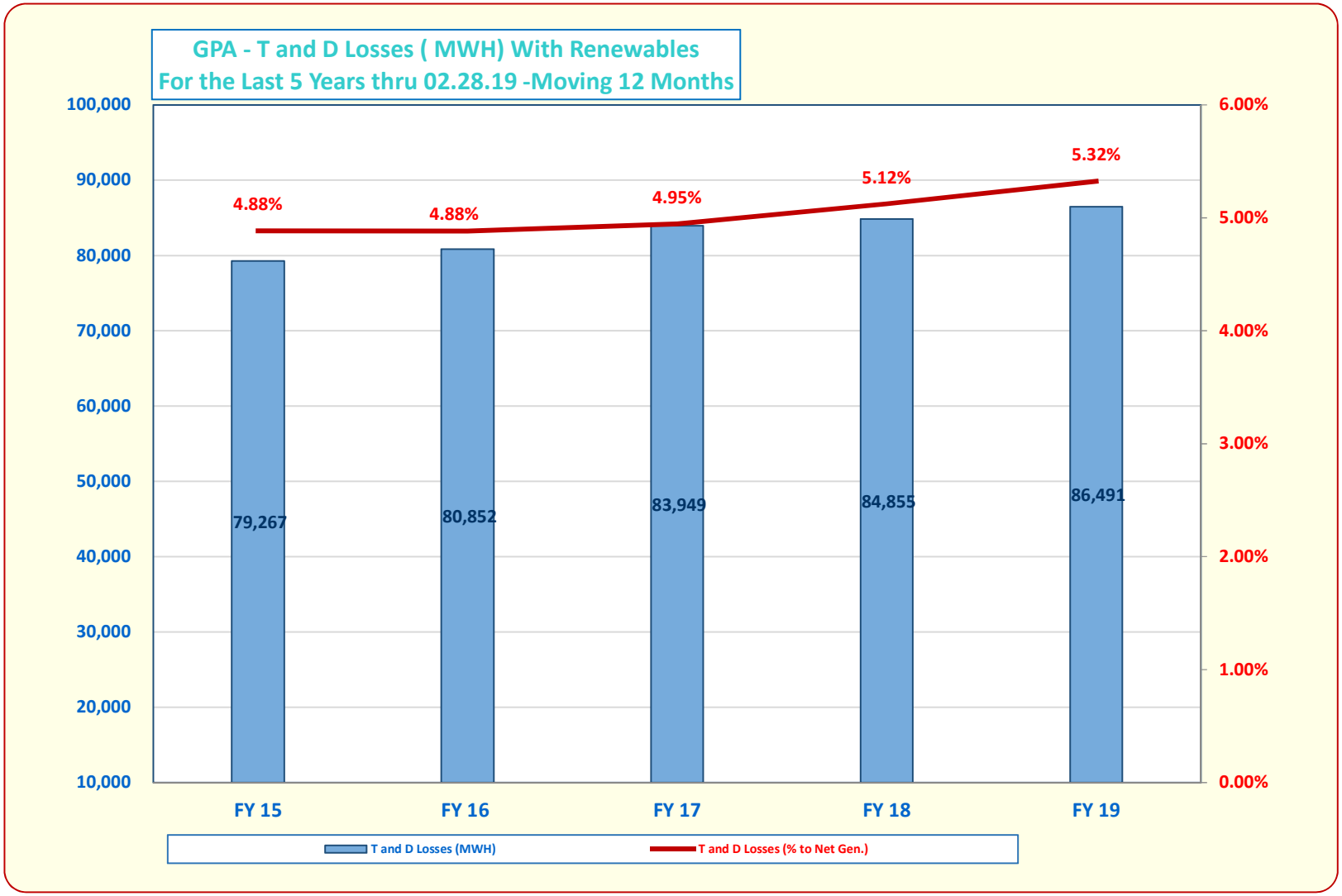
	2015	2016	Restated 2017	Unaudited 2018	YTD Unaudited 2019
Funds Available for Debt Service					
Earnings from Operations	$ 48,758	$ 37,981	$ 36,522	$ 40,725	$ 18,358
Interest Income	368	1,227	(32)	1,254	1,065
Depreciation Expense	41,766	44,240	44,292	38,550	15,864
Balance Available for Debt Service	$ 90,892	$ 83,448	$ 80,782	$ 80,529	$ 35,287
IPP - Capital Costs					
Principal	$ 18,144	$ 14,819	$ 21,263	$ 23,210	$ 9,068
Interest	8,478	5,970	5,137	3,159	540
Total IPP Payments	$ 26,622	$ 20,789	$ 26,400	$ 26,369	$ 9,608
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	$ -	$ -	$ -	$ -	$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	9,605	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	7,999	7,999	7,999	2,000	-
Principal and Interest (2012 Senior TE Bond)	17,096	17,098	17,449	17,086	13,111
Principal and Interest (2014 Senior TE Bond)	-	10	5,084	5,083	2,118
Principal and Interest (2017 Senior TE Bond)				5,916	3,170
Total	$ 34,700	$ 25,107	$ 30,532	$ 30,086	$ 18,399
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	2.56 x	2.50 x	1.78 x	1.80 x	1.40 x
Existing DSC Methodology (Senior+Subordinate)	1.85 x	2.50 x	1.78 x	1.80 x	1.40 x
Bond Covenant DSC	2.62 x	3.32 x	2.65 x	2.68 x	1.92 x
Debt Service Coverage Requirements					
Existing Ratemaking DSC Target	1.75 x	1.75 x	1.75 x	1.75 x	1.75 x
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30 x	1.30 x	1.30 x	1.30 x
Minimum Bond Covenant Requirement (Subordinate Bond)	1.20 x	1.20 x	1.20 x	1.20 x	1.20 x

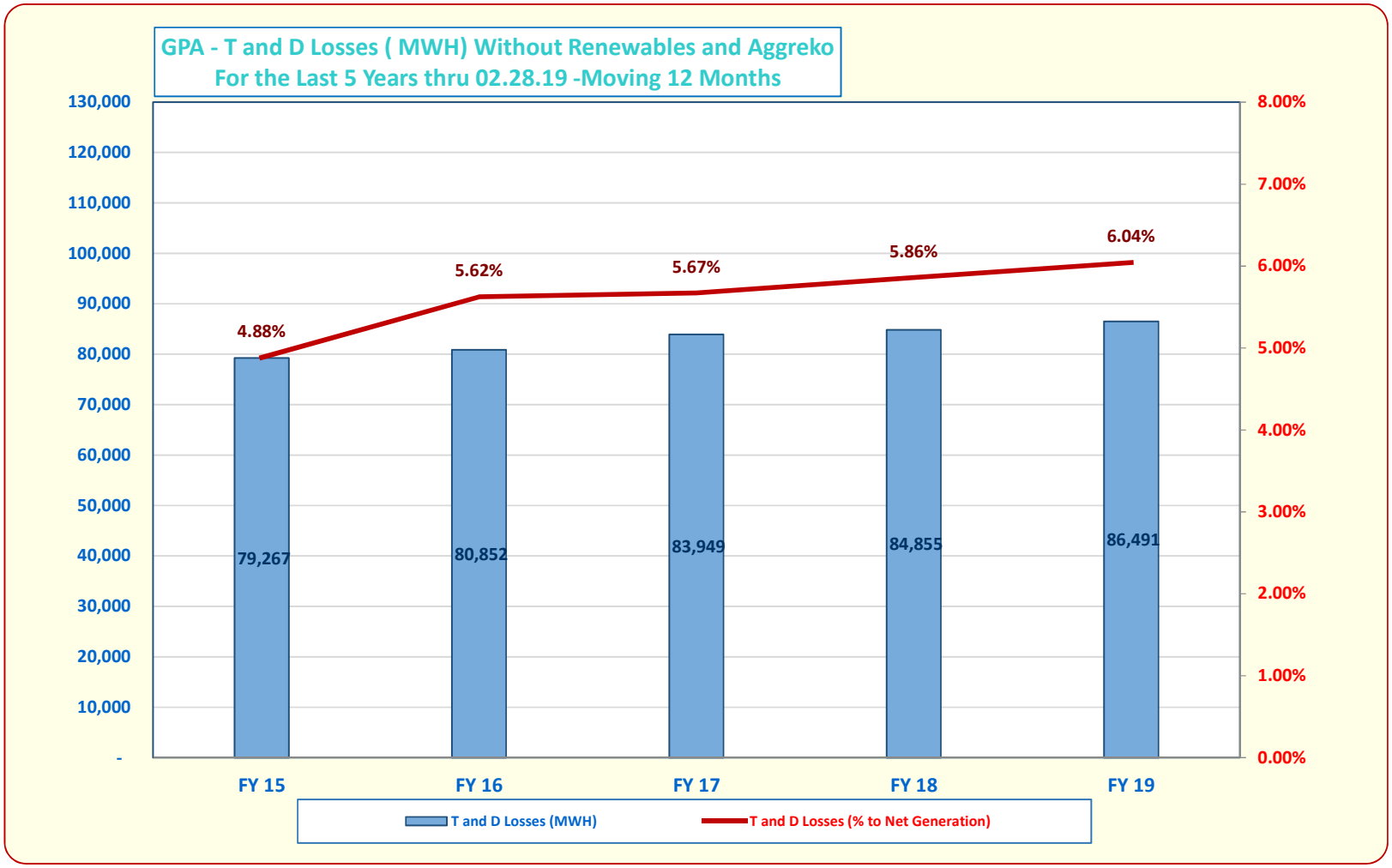
Notes:
(1) Source: Guam Power Authority, 2014 - 2017 Audited Financial Statements
(2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit.
(3) Existing DSC Methodology (Rating Agency Method):
(Operating Earnings + Depreciation Expense - IPP Principal & 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)

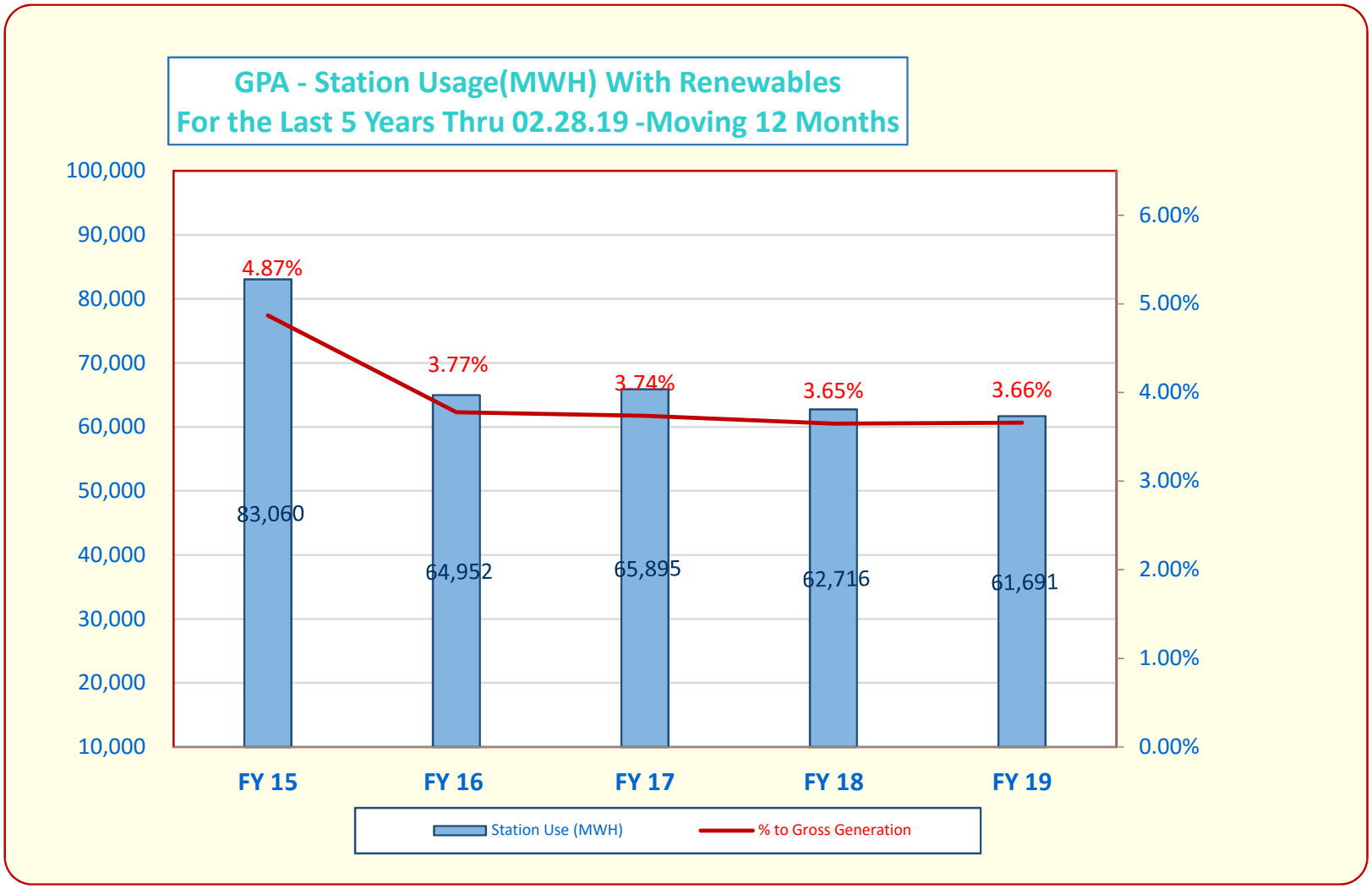
REVENUES-ACTUAL VS PROJECTIONS

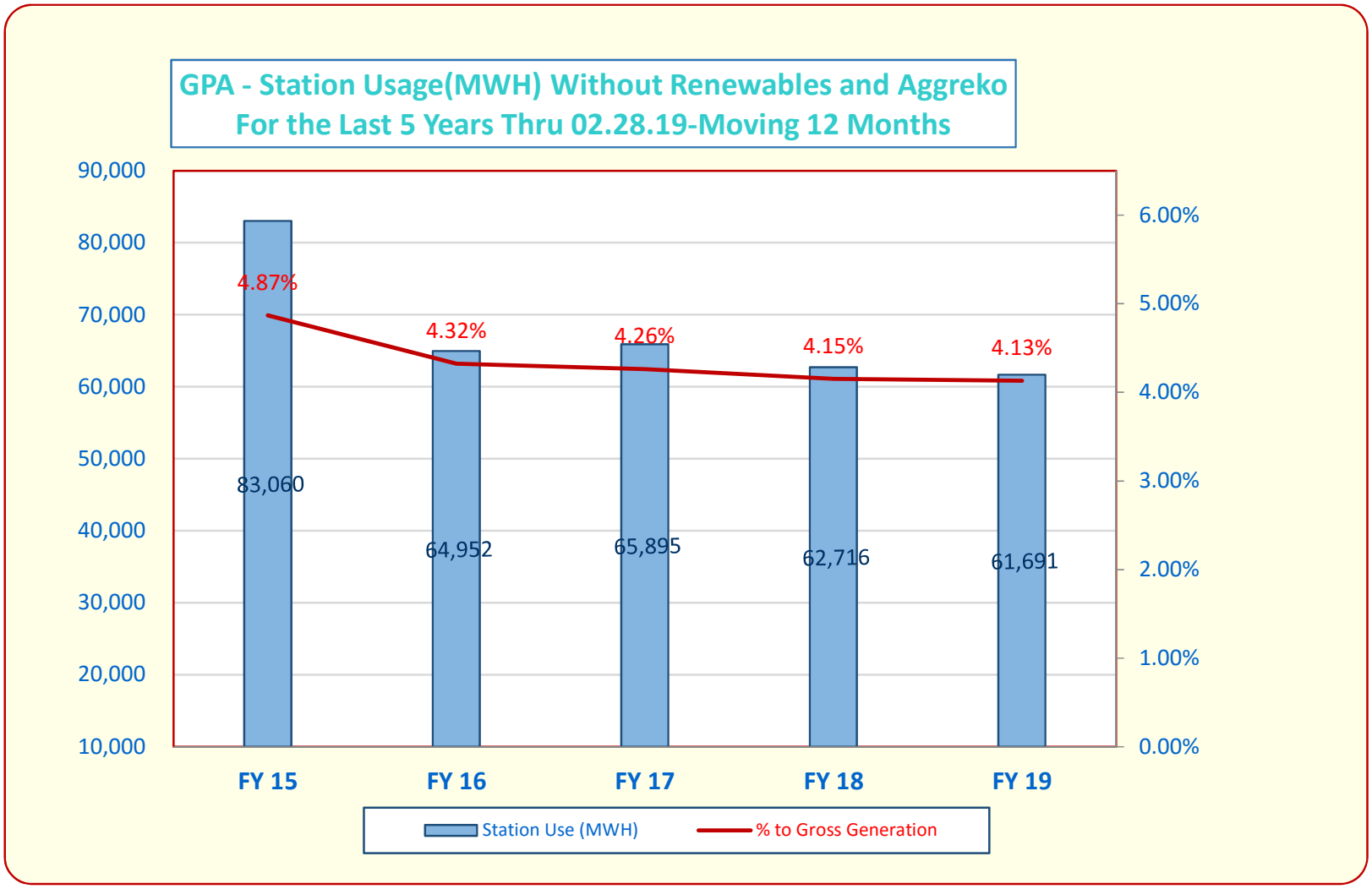
	MONTHLY - FEBRUARY 2019				YTD THRU 02/28/19			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	36,606,214	33,484,048	(3,122,165)	-8.53%	203,380,436	194,779,583	(8,600,853)	-4.23%
Small General-Non-Demand	6,629,649	5,421,847	(1,207,802)	-18.22%	34,512,953	32,046,336	(2,466,618)	-7.15%
Small General-Demand	13,611,171	13,414,678	(196,493)	-1.44%	75,455,322	74,453,401	(1,001,921)	-1.33%
Large	23,983,553	22,118,423	(1,865,130)	-7.78%	130,978,550	123,768,223	(7,210,327)	-5.50%
Independent Power Producers	41,906	25,891	(16,015)	-38.22%	228,859	156,894	(71,964)	-31.44%
Private St. Lites	27,240	32,766	5,527	20.29%	177,481	166,560	(10,921)	-6.15%
Sub-total	**80,899,733**	**74,497,653**	**(6,402,080)**	**-7.91%**	**444,733,601**	**425,370,997**	**(19,362,604)**	**-4.35%**
Government								
Small_Non Demand	1,038,279	1,019,279	(19,001)	-1.83%	5,748,879	5,633,133	(115,746)	-2.01%
Small-Demand	7,328,290	7,207,579	(120,710)	-1.65%	39,971,230	38,912,212	(1,059,018)	-2.65%
Large	5,766,636	5,273,740	(492,896)	-8.55%	31,024,796	29,499,912	(1,524,884)	-4.92%
Public St. Lites	647,677	791,792	144,115	22.25%	3,786,377	3,670,051	(116,326)	-3.07%
Sub-total	**14,780,882**	**14,292,390**	**(488,492)**	**-3.30%**	**80,531,281**	**77,715,308**	**(2,815,974)**	**-3.50%**
Total-Civilian	**95,680,615**	**88,790,044**	**(6,890,571)**	**-7.20%**	**525,264,882**	**503,086,304**	**(22,178,578)**	**-4.22%**
USN	22,094,184	22,368,909	274,725	1.24%	125,914,696	124,878,250	(1,036,446)	-0.82%
Grand Total	**117,774,799**	**111,158,952**	**(6,615,846)**	**-5.62%**	**651,179,578**	**627,964,554**	**(23,215,024)**	**-3.57%**
					-	-		
Non-Oil Yield								
Residential	0.096102	0.099345	0.003243	3.37%	0.096102	0.096464	0.000362	0.38%
Small General-Non-Demand	0.136352	0.140767	0.004415	3.24%	0.136352	0.138486	0.002134	1.56%
Small General-Demand	0.119289	0.122701	0.003412	2.86%	0.119289	0.120858	0.001569	1.32%
Large	0.103671	0.107736	0.004065	3.92%	0.103671	0.104333	0.000662	0.64%
Independent Power Producers	0.120485	0.147794	0.027309	0.00%	0.120485	0.133940	0.013455	0.00%
Private St. Lites	0.568458	0.632666	0.064208	11.30%	0.568458	0.626051	0.057593	10.13%
Sub-total	**0.105717**	**0.109308**	**0.003591**	**3.40%**	**0.105590**	**0.106410**	**0.000821**	**0.78%**
Government					-			
Small_Non Demand	0.150024	0.151044	0.001020	0.68%	0.150024	0.150450	0.000426	0.28%
Small-Demand	0.134359	0.132392	(0.001967)	-1.46%	0.134359	0.133230	(0.001129)	-0.84%
Large	0.126658	0.130576	0.003918	3.09%	0.126658	0.124806	(0.001852)	-1.46%
Public St. Lites	0.482817	0.463137	(0.019680)	-4.08%	0.482817	0.507215	0.024398	5.05%
Sub-total	**0.147724**	**0.151375**	**0.003652**	**2.47%**	**0.148894**	**0.148942**	**0.000048**	**0.03%**
Total-Civilian	**0.175911**	**0.116079**	**(0.059832)**	**-34.01%**	**0.158189**	**0.112980**	**(0.045209)**	**-28.58%**
USN	0.062350	0.071893	0.009543	15.30%	0.062350	0.063478	0.001128	1.81%
Grand Total	**0.102854**	**0.107188**	**0.004334**	**4.21%**	**0.102584**	**0.103136**	**0.000552**	**0.54%**
Non-Oil Revenues								
Residential	3,517,930	3,326,470	(191,460)	-5.44%	19,545,267	18,789,170	(756,096)	-3.87%
Small General-Non-Demand	903,966	763,218	(140,748)	-15.57%	4,705,910	4,437,959	(267,951)	-5.69%
Small General-Demand	1,623,663	1,645,996	22,333	1.38%	9,000,990	8,998,318	(2,672)	-0.03%
Large	2,486,399	2,382,941	(103,458)	-4.16%	13,578,677	12,913,144	(665,534)	-4.90%
Independent Power Producers	5,049	3,827	(1,223)	-24.21%	27,574	21,014	(6,560)	-23.79%
Private St. Lites	15,485	20,730	5,245	33.88%	100,891	104,275	3,384	3.35%
Sub-total	**8,552,492**	**8,143,182**	**(409,310)**	**-4.79%**	**46,959,309**	**45,263,880**	**(1,695,428)**	**-3.61%**
Government								
Small_Non Demand	155,767	153,956	(1,811)	-1.16%	862,470	847,503	(14,967)	-1.74%
Small-Demand	984,622	954,228	(30,393)	-3.09%	5,370,495	5,184,270	(186,225)	-3.47%
Large	730,391	688,624	(41,767)	-5.72%	3,929,539	3,681,769	(247,770)	-6.31%
Public St. Lites	312,710	366,708	53,999	17.27%	1,828,127	1,861,505	33,378	1.83%
Sub-total	**2,183,489**	**2,163,516**	**(19,973)**	**-0.91%**	**11,990,630**	**11,575,047**	**(415,583)**	**-3.47%**
Total-Civilian	**10,735,980**	**10,306,698**	**(429,282)**	**-4.00%**	**58,949,939**	**56,838,927**	**(2,111,011)**	**-3.58%**
USN	1,377,572	1,608,159	230,587	16.74%	7,850,781	7,927,030	76,249	0.97%
Grand Total	**12,113,553**	**11,914,857**	**(198,696)**	**-1.64%**	**66,800,720**	**64,765,958**	**(2,034,762)**	**-3.05%**
% of Total Revenues	36.90%	40.69%			39.34%	39.93%		
Oil Revenues								
Residential	6,439,449	5,164,647	(1,274,803)	-19.80%	32,163,039	30,043,192	(2,119,846)	-6.59%
Small General-Non-Demand	1,166,231	836,276	(329,954)	-28.29%	5,467,007	4,942,891	(524,116)	-9.59%
Small General-Demand	2,394,360	2,068,208	(326,152)	-13.62%	11,933,325	11,478,975	(454,350)	-3.81%
Large	4,218,980	3,395,696	(823,284)	-19.51%	20,722,102	19,000,347	(1,721,755)	-8.31%
Independent Power Producers	7,372	3,855	(3,516)	-47.70%	36,208	23,346	(12,862)	-35.52%
Private St. Lites	4,792	5,054	262	5.47%	27,965	25,691	(2,275)	-8.13%
Sub-total	**14,231,183**	**11,473,736**	**(2,757,447)**	**-19.38%**	**70,349,646**	**65,514,442**	**(4,835,205)**	**-6.87%**
Government								
Small_Non Demand	182,645	157,216	(25,430)	-13.92%	909,217	868,866	(40,352)	-4.44%
Small-Demand	1,289,129	1,111,711	(177,418)	-13.76%	6,324,042	6,001,897	(322,145)	-5.09%
Large	1,014,417	803,651	(210,766)	-20.78%	4,910,286	4,495,159	(415,127)	-8.45%
Public St. Lites	113,934	122,128	8,194	7.19%	598,053	566,076	(31,977)	-5.35%
Sub-total	**2,600,125**	**2,194,706**	**(405,419)**	**-15.59%**	**12,741,598**	**11,931,998**	**(809,600)**	**-6.35%**
Total-Civilian	**16,831,308**	**13,668,442**	**(3,162,866)**	**-18.79%**	**83,091,245**	**77,446,439**	**(5,644,805)**	**-6.79%**
USN	3,886,618	3,699,314	(187,304)	-4.82%	19,900,102	19,972,751	72,649	0.37%
Grand Total	**20,717,926**	**17,367,757**	**(3,350,170)**	**-16.17%**	**102,991,346**	**97,419,190**	**(5,572,156)**	**-5.41%**
% of Total Revenues	63.10%	59.31%			60.66%	60.07%		
Grand Total								
Residential	9,957,380	8,491,117	(1,466,263)	-14.73%	51,708,306	48,832,363	(2,875,943)	-5.56%
Small General-Non-Demand	2,070,197	1,599,494	(470,702)	-22.74%	10,172,918	9,380,850	(792,068)	-7.79%
Small General-Demand	4,018,023	3,714,204	(303,819)	-7.56%	20,934,315	20,477,293	(457,022)	-2.18%
Large	6,705,379	5,778,637	(926,741)	-13.82%	34,300,779	31,913,490	(2,387,289)	-6.96%
Independent Power Producers	12,421	7,682	(4,739)	-38.15%	63,782	44,360	(19,422)	-30.45%
Private St. Lites	20,276	25,784	5,508	27.16%	128,856	129,966	1,110	0.86%
Sub-total	**22,783,675**	**19,616,918**	**(3,166,757)**	**-13.90%**	**117,308,955**	**110,778,322**	**(6,530,633)**	**-5.57%**
Government					-			
Small_Non Demand	338,412	311,171	(27,241)	-8.05%	1,771,687	1,716,369	(55,318)	-3.12%
Small-Demand	2,273,751	2,065,940	(207,811)	-9.14%	11,694,536	11,186,167	(508,369)	-4.35%
Large	1,744,807	1,492,275	(252,533)	-14.47%	8,839,825	8,176,928	(662,897)	-7.50%
Public St. Lites	426,643	488,836	62,192	14.58%	2,426,180	2,427,582	1,401	0.06%
Sub-total	**4,783,614**	**4,358,222**	**(425,392)**	**-8.89%**	**24,732,228**	**23,507,045**	**(1,225,183)**	**-4.95%**
Total-Civilian	**27,567,289**	**23,975,140**	**(3,592,149)**	**-13.03%**	**142,041,183**	**134,285,367**	**(7,755,817)**	**-5.46%**
USN	5,264,190	5,307,473	43,283	0.82%	27,750,883	27,899,781	148,898	0.54%
Grand Total	**32,831,479**	**29,282,614**	**(3,548,866)**	**-10.81%**	**169,792,066**	**162,185,148**	**(7,606,919)**	**-4.48%**
	-	-	-					

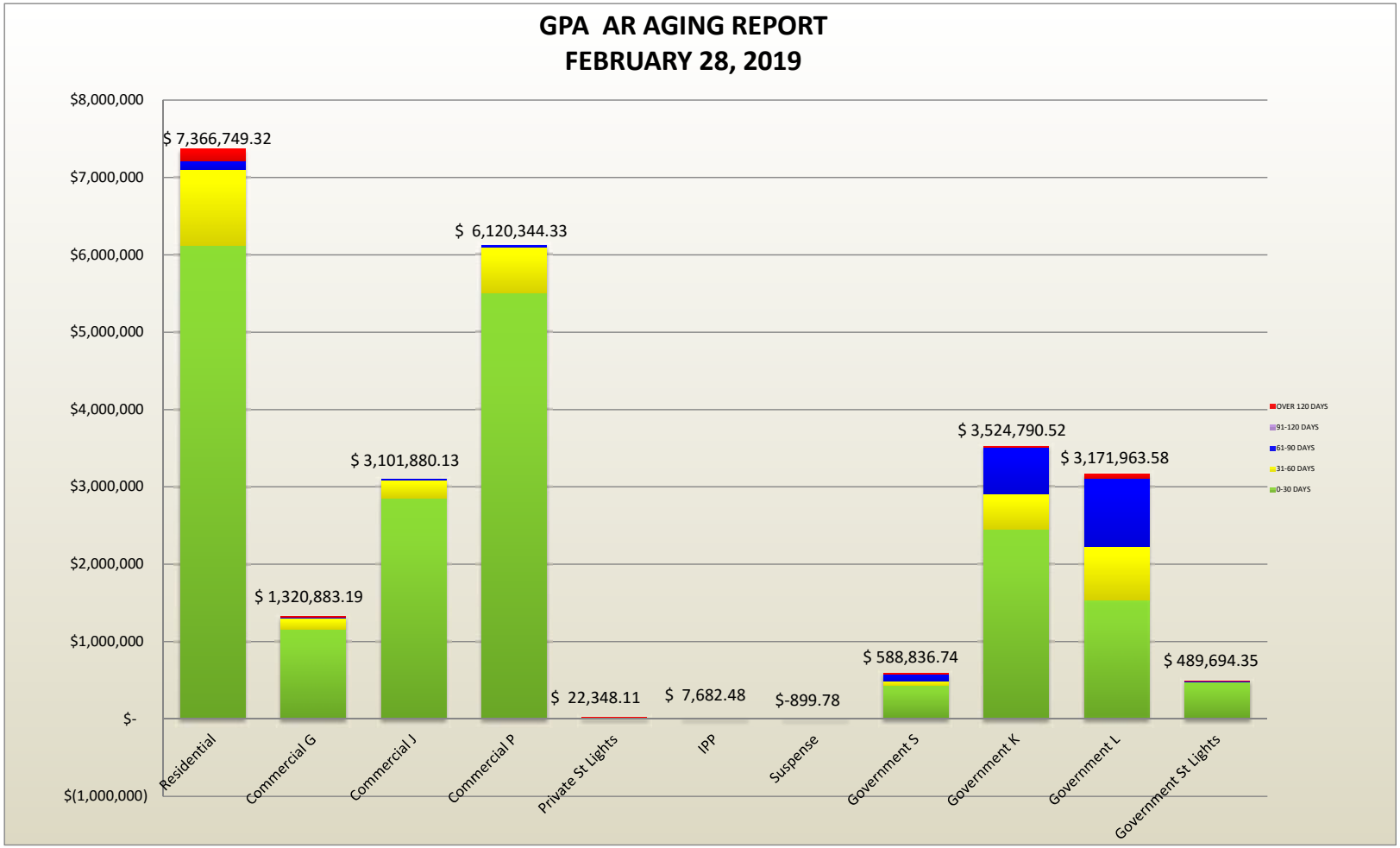
	YTD REVENUES - CURRENT YEAR VS PRIOR YEAR				MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
	ACTUALS - 5 MONTHS ENDED FEBRUARY 28				ACTUALS - MONTH ENDED FEBRUARY 28			
	2019	2018	VARIANCE	% VARIANCE	2019	2018	VARIANCE	% VARIANCE
KWH								
Residential	194,779,583	207,254,376	(12,474,794)	-6.02%	33,484,048	36,809,815	(3,325,767)	-9.03%
Small General-Non-Demand	32,046,336	34,082,288	(2,035,953)	-5.97%	5,421,847	6,154,115	(732,268)	-11.90%
Small General-Demand	74,453,401	77,157,122	(2,703,721)	-3.50%	13,414,678	14,164,319	(749,641)	-5.29%
Large	123,768,223	130,253,282	(6,485,059)	-4.98%	22,118,423	23,674,407	(1,555,983)	-6.57%
Independent Power Producers	156,894	282,194	(125,300)	-44.40%	25,891	28,976	(3,085)	-10.65%
Private St. Lites	166,560	168,787	(2,227)	-1.32%	32,766	32,408	358	1.11%
Sub-total	**425,370,997**	**449,198,050**	**(23,827,053)**	**-5.30%**	**74,497,653**	**80,864,040**	**(6,366,386)**	**-7.87%**
Government								
Small_Non Demand	5,633,133	6,146,591	(513,458)	-8.35%	1,019,279	1,119,571	(100,292)	-8.96%
Small-Demand	38,912,212	39,926,301	(1,014,089)	-2.54%	7,207,579	7,377,578	(169,999)	-2.30%
Large	29,499,912	32,002,581	(2,502,669)	-7.82%	5,273,740	5,905,830	(632,090)	-10.70%
Public St. Lites	3,670,051	3,565,091	104,960	2.94%	791,792	669,689	122,103	18.23%
Sub-total	**77,715,308**	**81,640,563**	**(3,925,255)**	**-4.81%**	**14,292,390**	**15,072,669**	**(780,278)**	**-5.18%**
Total-Civilian	**503,086,304**	**530,838,612**	**(27,752,308)**	**-5.23%**	**88,790,044**	**95,936,708**	**(7,146,664)**	**-7.45%**
USN	124,878,250	130,177,731	(5,299,481)	-4.07%	22,368,909	23,304,608	(935,700)	-4.02%
Grand Total	**627,964,554**	**661,016,343**	**(33,051,789)**	**-5.00%**	**111,158,952**	**119,241,316**	**(8,082,364)**	**-6.78%**
Non-Oil Yield								
Residential	0.096464	0.096086	0.000378	0.39%	0.099345	0.097038	0.002307	2.38%
Small General-Non-Demand	0.138486	0.136609	0.001876	1.37%	0.140767	0.138821	0.001947	1.40%
Small General-Demand	0.120858	0.119915	0.000943	0.79%	0.122701	0.121731	0.000970	0.80%
Large	0.104333	0.103472	0.000862	0.83%	0.107736	0.107082	0.000654	0.61%
Independent Power Producers	0.133940	0.106729	0.027211	25.50%	0.147794	0.132878	0.014916	11.23%
Private St. Lites	0.626051	0.629863	-0.003813	-0.61%	0.632666	0.646774	-0.014109	-2.18%
Sub-total	**0.106410**	**0.105602**	**0.000808**	**0.77%**	**0.109308**	**0.107717**	**0.001591**	**1.48%**
Government								
Small_Non Demand	0.150450	0.149731	0.000719	0.48%	0.151044	0.152035	-0.000991	-0.65%
Small-Demand	0.133230	0.134012	-0.000782	-0.58%	0.132392	0.136597	-0.004204	-3.08%
Large	0.124806	0.126341	-0.001535	-1.21%	0.130576	0.130201	0.000375	0.29%
Public St. Lites	0.507215	0.479586	0.027629	5.76%	0.463137	0.509748	-0.046611	-9.14%
Sub-total	**0.148942**	**0.147279**	**0.001663**	**1.13%**	**0.151375**	**0.151817**	**-0.000441**	**-0.29%**
Total-Civilian	**0.112980**	**0.112012**	**0.000968**	**0.86%**	**0.116079**	**0.114645**	**0.001434**	**1.25%**
USN	0.063478	0.061576	0.001902	3.09%	0.071893	0.065343	0.006550	10.02%
Grand Total	**0.103136**	**0.102079**	**0.001057**	**1.04%**	**0.107188**	**0.105010**	**0.002178**	**2.07%**
Non-Oil Revenues								
Residential	18,789,170	19,914,164	(1,124,993)	-5.65%	3,326,470	3,571,959	(245,489)	-6.87%
Small General-Non-Demand	4,437,959	4,655,958	(217,999)	-4.68%	763,218	854,318	(91,100)	-10.66%
Small General-Demand	8,998,318	9,252,332	(254,015)	-2.75%	1,645,996	1,724,241	(78,245)	-4.54%
Large	12,913,144	13,477,504	(564,360)	-4.19%	2,382,941	2,535,100	(152,159)	-6.00%
Independent Power Producers	21,014	30,118	(9,104)	-30.23%	3,827	3,850	(24)	-0.62%
Private St. Lites	104,275	106,313	(2,038)	-1.92%	20,730	20,961	(231)	-1.10%
Sub-total	**45,263,880**	**47,436,389**	**(2,172,509)**	**-4.58%**	**8,143,182**	**8,710,429**	**(567,246)**	**-6.51%**
Government								
Small_Non Demand	847,503	920,335	(72,832)	-7.91%	153,956	170,214	(16,258)	-9.55%
Small-Demand	5,184,270	5,350,597	(166,328)	-3.11%	954,228	1,007,753	(53,525)	-5.31%
Large	3,681,769	4,043,227	(361,458)	-8.94%	688,624	768,942	(80,319)	-10.45%
Public St. Lites	1,861,505	1,709,767	151,739	8.87%	366,708	341,373	25,335	7.42%
Sub-total	**11,575,047**	**12,023,927**	**(448,880)**	**-3.73%**	**2,163,516**	**2,288,282**	**(124,767)**	**-5.45%**
Total-Civilian	**56,838,927**	**59,460,316**	**(2,621,388)**	**-4.41%**	**10,306,698**	**10,998,711**	**(692,013)**	**-6.29%**
USN	7,927,030	8,015,843	(88,813)	-1.11%	1,608,159	1,522,793	85,366	5.61%
Grand Total	**64,765,958**	**67,476,159**	**(2,710,201)**	**-4.02%**	**11,914,857**	**12,521,504**	**(606,647)**	**-4.84%**
% of Total Revenues								
Oil Revenues								
Residential	30,043,192	26,125,866	3,917,326	14.99%	5,164,647	6,061,473	(896,826)	-14.80%
Small General-Non-Demand	4,942,891	4,302,989	639,902	14.87%	836,276	1,015,340	(179,063)	-17.64%
Small General-Demand	11,478,975	9,695,613	1,783,362	18.39%	2,068,208	2,282,708	(214,501)	-9.40%
Large	19,000,347	16,034,429	2,965,918	18.50%	3,395,696	3,551,586	(155,890)	-4.39%
Independent Power Producers	23,346	32,925	(9,580)	-29.09%	3,855	4,118	(263)	-6.39%
Private St. Lites	25,691	20,827	4,864	23.35%	5,054	4,773	281	5.90%
Sub-total	**65,514,442**	**56,212,649**	**9,301,793**	**16.55%**	**11,473,736**	**12,919,999**	**(1,446,263)**	**-11.19%**
Government								
Small_Non Demand	868,866	756,682	112,183	14.83%	157,216	164,912	(7,696)	-4.67%
Small-Demand	6,001,897	4,918,037	1,083,860	22.04%	1,111,711	1,086,466	25,245	2.32%
Large	4,495,159	3,894,080	601,079	15.44%	803,651	859,355	(55,704)	-6.48%
Public St. Lites	566,076	439,463	126,613	28.81%	122,128	98,622	23,505	23.83%
Sub-total	**11,931,998**	**10,008,262**	**1,923,736**	**19.22%**	**2,194,706**	**2,209,355**	**(14,650)**	**-0.66%**
Total-Civilian	**77,446,439**	**66,220,911**	**11,225,528**	**16.95%**	**13,668,442**	**15,129,354**	**(1,460,912)**	**-9.66%**
USN	19,972,751	14,921,323	5,051,428	33.85%	3,699,314	2,633,181	1,066,133	40.49%
Grand Total	**97,419,190**	**81,142,234**	**16,276,956**	**20.06%**	**17,367,757**	**17,762,536**	**(394,779)**	**-2.22%**
% of Total Revenues								
Grand Total								
Residential	48,832,363	46,040,029	2,792,333	6.07%	8,491,117	9,633,432	(1,142,315)	-11.86%
Small General-Non-Demand	9,380,850	8,958,947	421,903	4.71%	1,599,494	1,869,658	(270,163)	-14.45%
Small General-Demand	20,477,293	18,947,946	1,529,347	8.07%	3,714,204	4,006,949	(292,745)	-7.31%
Large	31,913,490	29,511,932	2,401,558	8.14%	5,778,637	6,086,686	(308,049)	-5.06%
Independent Power Producers	44,360	63,044	(18,684)	-29.64%	7,682	7,969	(287)	-3.60%
Private St. Lites	129,966	127,140	2,826	2.22%	25,784	25,733	51	0.20%
Sub-total	**110,778,322**	**103,649,038**	**7,129,284**	**6.88%**	**19,616,918**	**21,630,428**	**(2,013,509)**	**-9.31%**
Government								
Small_Non Demand	1,716,369	1,677,018	39,351	2.35%	311,171	335,126	(23,954)	-7.15%
Small-Demand	11,186,167	10,268,634	917,533	8.94%	2,065,940	2,094,220	(28,280)	-1.35%
Large	8,176,928	7,937,307	239,621	3.02%	1,492,275	1,628,297	(136,022)	-8.35%
Public St. Lites	2,427,582	2,149,230	278,351	12.95%	488,836	439,995	48,840	11.10%
Sub-total	**23,507,045**	**22,032,189**	**1,474,856**	**6.69%**	**4,358,222**	**4,497,638**	**(139,416)**	**-3.10%**
Total-Civilian	**134,285,367**	**125,681,227**	**8,604,140**	**6.85%**	**23,975,140**	**26,128,065**	**(2,152,925)**	**-8.24%**
USN	27,899,781	22,937,166	4,962,615	21.64%	5,307,473	4,155,974	1,151,499	27.71%
Grand Total	**162,185,148**	**148,618,393**	**13,566,755**	**9.13%**	**29,282,614**	**30,284,040**	**(1,001,426)**	**-3.31%**
	-	-				-		


GPA - T and D Losses (MWH) With Renewables
For the Last 5 Years thru 02.28.19 -Moving 12 Months
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
4.88%
4.88%
4.95%
5.12%
5.32%
79,267
80,852
83,949
84,855
86,491
FY 15
FY 16
FY 17
FY 18
FY 19
T and D Losses (MWH)
T and D Losses (% to Net Gen.)


GPA - T and D Losses (MWH) Without Renewables and Aggreko
For the Last 5 Years thru 02.28.19 -Moving 12 Months
130,000
120,000
110,000
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
-
8.00%
7.00%
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
4.88%
5.62%
5.67%
5.86%
6.04%
79,267
80,852
83,949
84,855
86,491
FY 15
FY 16
FY 17
FY 18
FY 19
T and D Losses (MWH)
T and D Losses (% to Net Generation)


GPA - Station Usage(MWH) With Renewables
For the Last 5 Years Thru 02.28.19 -Moving 12 Months
100,000
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
4.87%
3.77%
3.74%
3.65%
3.66%
83,060
64,952
65,895
62,716
61,691
FY 15
FY 16
FY 17
FY 18
FY 19
Station Use (MWH)
% to Gross Generation


GPA - Station Usage(MWH) Without Renewables and Aggreko
For the Last 5 Years Thru 02.28.19-Moving 12 Months
90,000
80,000
70,000
60,000
50,000
40,000
30,000
20,000
10,000
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
4.87%
4.32%
4.26%
4.15%
4.13%
83,060
64,952
65,895
62,716
61,691
FY 15
FY 16
FY 17
FY 18
FY 19
Station Use (MWH)
% to Gross Generation


GPA AR AGING REPORT
FEBRUARY 28, 2019
$8,000,000
$7,000,000
$6,000,000
$5,000,000
$4,000,000
$3,000,000
$2,000,000
$1,000,000
$-
$(1,000,000)
$ 7,366,749.32
$ 1,320,883.19
$ 3,101,880.13
$ 6,120,344.33
$ 22,348.11
$ 7,682.48
$-899.78
$ 588,836.74
$ 3,524,790.52
$ 3,171,963.58
$ 489,694.35
Residential
Commercial G
Commercial J
Commercial P
Private St Lights
IPP
Suspense
Government S
Government K
Government L
Government St Lights
OVER 120 DAYS
91-120 DAYS
61-90 DAYS
31-60 DAYS
0-30 DAYS

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
BILLING UP TO 03/29/2019 and Payments Applied as of 04/16/2019

Current (03/19 Billing due 04/30/19)
30 days Arrears (2/28/19 due 03/31/19)
60 days and over Arrears (01/19 billing due 2/28/19)

CC&B ACCT NUMBER	CC&B New Acct Numer	DEPARTMENT	BALANCE 2/28/2019	CANCEL/REBILL/ SPEC CHARGE 03/29/2019	BILLING 03/29/2019	PAYMENT 04/16/2019	BALANCE 04/16/2019
		Line Agencies					
0237100000	1073430238	Dept. of Corrections	$ 72,635.19		77,772.79	(72,635.19)	77,772.79
0437100000	0040515913	Dept. of Parks & Rec.	$ 18,012.08	(20.05)	19,455.37	(18,012.08)	19,435.32
0537100000	0453170939	Guam Fire Department	$ 13,957.82	(95.19)	15,326.66	(13,957.82)	15,231.47
6995000000	8564647941	DOA Supply Mgmt (NET METERED)	$ 809.62		1,102.59	(809.62)	1,102.59
7895000000	4211873236	Dept. of Administration	$ 4,172.05		4,310.26	(4,172.05)	4,310.26
1337100000	4554808900	Nieves Flores Library	$ 8,722.18		9,428.87	(8,722.18)	9,428.87
2206200000	9541109130	General Services Agency	$ 267.48		254.75	(267.48)	254.75
2237100000	1621790133	DOA-Data Processing	$ 7,931.62		8,170.04	(7,931.62)	8,170.04
2337100000	1896187753	Dept. of PH&SS	$ 53,296.54		54,779.32	(53,296.54)	54,779.32
3237100000	7252821074	Dept. of Education	$ 3,545,834.92	47,823.85	1,088,294.74	(1,435,645.20)	3,246,308.31
3337100000	0266069082	Guam Police Department	$ 44,349.57		48,457.51	(44,349.57)	48,457.51
3569100000	6069461950	Dept of Youth Affairs (Federal)	$ 858.79		964.12	(903.95)	918.96
4437100000	2913461537	Dept. of Youth Affair* (Local)	$ 9,810.78		10,146.01	(9,810.78)	10,146.01
4737100000	3404311949	Guam Environmental Protect	$ 6,038.58		6,445.51	(6,038.58)	6,445.51
5437100000	3227759982	Mental Health/Subst.	$ 35,264.69		38,986.44	(35,264.69)	38,986.44
7200300000	0070861777	Veteran Affairs	$ 728.20		793.31	(728.20)	793.31
7437100000	8300435373	Civil Defense (Military Affairs)	$ 11,756.21	88.17	11,978.19	(11,756.21)	12,066.36
7463300000	7813165805	Pacific Energy Resource Center	$ 671.83		649.67	(671.83)	649.67
8137100000	1595188609	Dept. of Agriculture	$ 9,222.81		9,930.92	(9,222.81)	9,930.92
8337100000	2535590089	DPW-FAC Adm Account	$ 23,743.81		25,973.05	(23,743.81)	25,973.05
8437100000	7928924534	Guam Visitors Bureau	$ 4,170.21		4,317.93	(4,170.21)	4,317.93
8446300000	7663706771	Yona Senior Citizen Center	$ 832.31		854.17	(832.31)	854.17
9437100000	4129948191	Dept of Chamorro Affairs/Chamorro Village	$ 3,742.58	28.07	3,906.61	(3,742.58)	3,934.68
5247210000	5247210000	Mayors Council	$ 2,001.27		2,128.14	(2,001.27)	2,128.14
6293410000	6293410000	Office of the Governor	$ 22,784.87		23,906.57	(22,784.87)	23,906.57
8555858369	8555858369	Dept of Chamorro Affairs (Guam Museum)	$ 21,028.09		22,304.96	(21,028.09)	22,304.96
	1099514147	Dept of Chamorro Affairs/Repository	$ 428.62		427.96	(428.62)	427.96
		Sub Total	**3,923,072.72**	**47,824.85**	**1,491,066.46**	**(1,812,928.16)**	**3,649,035.87**
		MAYORS					
0637100000	3832327736	Santa Rita Mayor	$ 3,176.95		3,257.76	(3,176.95)	3,257.76
0737100000	9351070242	Ordot/Chalan Pago Mayor	$ 1,532.57		1,824.25	(1,532.57)	1,824.25
1537100000	6393530237	Hagatna Mayor	$ 1,238.50		1,431.24	(1,238.50)	1,431.24
1637100000	3293808984	Piti Mayor	$ 1,094.10		1,030.03	(1,094.10)	1,030.03
1737100000	8715052935	Mongmong/Toto/Maite Mayor	$ 1,152.35		1,253.75	(1,152.35)	1,253.75
2637100000	0492244686	Asan/Maina/Adelup Mayor	$ 691.95		673.27	(691.95)	673.27
2737100000	8433959204	Sinajana Mayor	$ 3,596.29		3,795.28	(3,596.29)	3,795.28
3637100000	8041715847	Dededo Mayor	$ 5,699.38		5,916.68	(5,699.38)	5,916.68
4637100000	7037924246	Yigo Mayor	$ 3,741.95		4,047.11	(3,741.95)	4,047.11
5637100000	7202265287	Umatac Mayor	$ 1,064.04		1,925.56	(1,028.46)	1,961.14
6537100000	8472200165	Agana Hts. Mayor	$ 4,809.61		4,585.55	(4,809.61)	4,585.55
6637100000	4469579998	Merizo Mayor	$ 1,024.38		1,447.86	(1,024.38)	1,447.86
6737100000	5763167341	Barrigada Mayors Office	$ 2,818.85		2,317.37	(2,818.85)	2,317.37
7537100000	7247791682	Agat Mayor	$ 1,771.78		1,892.92	(1,771.78)	1,892.92
7637100000	6078244037	Inarajan Mayor	$ 1,994.94		2,279.46	(1,994.94)	2,279.46
8537100000	6957205325	Tamuning Mayor	$ 5,097.09		5,610.84	(5,097.09)	5,610.84
8637100000	1880297633	Talofofo Mayor	$ 2,221.98	200.00	2,461.50	(2,221.98)	2,661.50
9537100000	3631627996	Mangilao Mayor	$ 3,948.00		4,310.35	(3,948.00)	4,310.35
9637100000	1837525565	Yona Mayor	$ 914.14		1,121.63	(914.14)	1,121.63
		Sub Total	**$ 47,588.85**	**$ 200.00**	**$ 51,182.41**	**$ (47,553.27)**	**$ 51,417.99**

		DPW ACCOUNTS				-	
4337100000	3045433600	DPW-Village St. Lights	$ 373,979.54		353,948.49	(373,979.54)	353,948.49
5337100000	0930959866	DPW- Primary St. Lights	$ 82,721.23		86,853.86	(82,721.23)	86,853.86
6337100000	3088040552	DPW-Sec/Coll St. Lights	$ 26,436.12		25,063.89	(26,436.12)	25,063.89
7337100000	0832698062	DPW-Signal Lights	$ 9,619.87		9,845.44	(9,619.87)	9,845.44
		Sub Total	**$ 492,756.76**	**$ -**	**$ 475,711.68**	**$ (492,756.76)**	**$ 475,711.68**
		(B) AUTONOMOUS/PUBLIC CORP					
1437100000	1540692986	Retirement Fund	$ 5,641.87		6,143.65	(11,785.52)	-
1915500000	0563872892	Guam Housing Corp Rental Division	$ 1,298.92	(298.69)	1,372.45	(1,216.74)	1,155.94
2437100000	5434075703	University of Guam	$ 157,601.42	2,671.98	169,761.90	(157,601.42)	172,433.88
4237100000	7736362694	Guam Airport Authority	$ 463,925.61		511,312.58	(463,925.61)	511,312.58
5357510000	5357510000	University of Guam (NET METERED)	$ 71,367.17		75,204.86	(71,367.17)	75,204.86
6237100000	1699407298	G H U R A	$ 9,851.67	(556.02)	24,195.46	(22,045.83)	11,445.28
6437100000	6518220019	Guam Community College	$ 46,853.50	40.23	51,417.74	(46,853.50)	51,457.97
7237100000	8302337726	Guam Memorial Hospital	$ 113,766.79	560.56	36,509.18	(113,766.79)	37,069.74
8426836906	8426836906	Guam Memorial Hospital (NET METERED)	$ 436,228.15	2,136.25	136,954.08	(436,228.15)	139,090.33
9137100000	4474308144	Port Authority of Guam	$ 83,580.34		85,535.52	(169,115.86)	-
9157510000	9157510000	Guam Community College (NET METERED)	$ 33,436.07		37,150.48	(33,436.07)	37,150.48
9173210000	9173210000	Guam Solid Waste Authority	$ 5,598.21		6,214.43	(5,598.21)	6,214.43
9337100000	0838495949	Guam Waterworks Authority	$ 1,693,759.67	(4,218.49)	1,256,132.57	(1,693,759.67)	1,251,914.08
8237100000	4075914809	GPA	$ -	(90,795.71)	90,795.71	-	-
		Sub Total	**$ 3,122,909.39**	**$ (90,459.89)**	**$ 2,488,700.61**	**$ (3,226,700.54)**	**$ 2,294,449.57**
		(C) OTHERS					
0337100000	7541928173	Guam Legislature	$ 536.03	2.04	328.75	(538.07)	328.75
9503154359	9503154359	Guam Legislature (NET METERED)	$ 5,943.16		6,654.34	(5,943.16)	6,654.34
1237100000	8353274954	Superior Court of Guam	$ 62,958.60		66,721.35	(62,958.60)	66,721.35
2537100000	8108458168	Guam Post Office (Agana)	$ 5,942.18		6,360.42	(12,302.60)	-
2570200000	8972267005	Customs & Quarantine Agency	$ 1,123.00		864.59	(1,123.00)	864.59
3537100000	4530787043	U.S. Post Office	$ 34,983.24		36,698.34	(34,983.24)	36,698.34
5537100000	8607446612	Dept. of Military Affairs	$ 70,237.50		70,005.41	(103,800.89)	36,442.02
3209463043	3209463043	Dept. of Military Affairs (NET METERED)	$ 13,882.55		13,794.78	(13,882.55)	13,794.78
5737100000	6000770566	KGTF	$ 5,647.81		5,663.46	(5,647.81)	5,663.46
7281000000	6602566745	Tamuning Post Office	$ 4,428.02		4,753.22	(9,181.24)	-
		Sub Total	**$ 205,682.09**	**$ 2.04**	**$ 211,844.66**	**$ (250,361.16)**	**$ 167,167.63**
		GRAND TOTAL	**$ 7,792,009.81**	**$ (42,433.00)**	**$ 4,718,505.82**	**$ (5,830,299.89)**	**$ 6,637,782.74**