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., May 17, 2018

AGENDA (AMENDED)

1. **ISSUES FOR DECISION**
   - **1.1 Relative to Unarmed Security Guard Services / Resolution 2018- 1 0**
2. **GM REPORT**
   - **2.1 Updates**
3. **ISSUES FOR DISCUSSION**
   - **3.1 Organizational Realignment**
   - **3.2 Levelized Energy Adjustment Clause (LEAC)**
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 – May 22, 2018**
6. **ADJOURNMENT**

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

Issues for Decision

Resolution No. 2018-10:

Relative to Unarmed Uniformed Security Guard Services

What is the project's objective and is it necessary and urgent?
The renewal of current contract is necessary and urgent in order to provide GPA with security guard services at various locations for the protection of GPA physical assets and employees.

Where is it at?
1) Supply Warehouse, Storage Yard and T&D Service Center
2) Gloria B. Nelson Public Service Facility
3) Cabras Power Plant and Dispatch Control Center Compound
4) Tanguisson Power Plant

How much will it cost?

Site		Monthly Cost
1)	Supply Warehouse, Storage Yard and T&D Service Center	$11,490.20
2)	Gloria B. Nelson Public Service Facility	$8,237.27
3)	Cabras Power Plant and Dispatch Control Center Compound	$11,490.20
4)	Tanguisson Power Plant	$11,490.20
	Monthly Total:	*$42,707.87*
	Total Additional Cost (4 months)	**$170,831.48**

Base Year	$512,494.44	CCU Resolution 2016-35
1st Year Option	$512,494.44	CCU Resolution 2016-35
Temporary Addition of Aggreko/Yigo CTs	$22,948.92	GM Authority
Final Option Year (4 mos)	$170,831.48	
Subtotal	*$1,218,769.28*	
2016-35 Approval	($1,024,988.88)	
Total Additional Funding	**$193,780.40**	

When will it be completed?

Base contract term:	06/01/16 – 09/30/16
	10/01/16 – 05/31/17
1st year option to renew term:	06/01/17 – 09/30/17
	10/01/17 – 05/31/18
2nd year option to renew term:	06/01/18 – 09/30/18

What is its funding source?
O&M Funds

The RFP/BID responses:
GPA-036-16: Pacific Island Security Agency (2nd year option to renew)

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

Resolution No. 2018-10

RELATIVE TO AUTHORIZING THE GUAM POWER AUTHORITY TO CONTRACT FOR UNARMED UNIFORMED SECURITY GUARD SERVICES

WHEREAS, the Guam Power Authority utilizes unarmed security guard services to protect its assets, employees and customers during and after duty hours; and

WHEREAS, the Consolidated Commission on Utilities approved a $1,024,988.88 two-year contract through Resolution 2016-35 with Pacific Island Security Agency for unarmed uniformed security guard services at four (4) primary locations: Supply Warehouse, Storage Yard, and T&D Service Center; Gloria B. Nelson Public Service Facility; Cabras Power Plant and Dispatch Control Center Compound; and Tanguisson Power Plant from June 2016 to May 2018; and

WHEREAS, GPA assumed the security services of the Aggreko/Yigo Combustion Turbine Power Plant Compound in October 2017, and temporarily added this fifth (5th) site to the existing contract from October 2017 to November 2017 through the General Manager's authority; and

WHEREAS, in October 2017, GPA initiated a separate planned procurement of the security services for the Aggreko/Yigo Combustion Turbine Power Plant Compound; and the Dededo Combustion Turbine Power Plant Compound and Piti Unit #7 in preparation to assume responsibility of security services commencing December 2017; and

WHEREAS, the Authority seeks to issue new comprehensive procurement for security services of the original four (4) sites and the additional three (3) sites on or about September 2018; and

WHEREAS, GPA exercised and completed the contract base and first year option and wishes to continue its second-year option to renew; and

WHEREAS, GPA seeks authorization to exercise a second and final renewal option at the cost of $170,831.48 for the term of June 2018 to September 2018 to continue services critical to the continuous safeguarding of its power generation assets**.**

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

1. After careful consideration, the Consolidated Commission on Utilities finds that the contracting for security for GPA properties is reasonable, prudent, and necessary.

2. The General Manager of the Guam Power Authority is hereby authorized to exercise a second and final renewal contract option for unarmed security services for a term beginning June 1, 2018 through September 30, 2018 at the additional cost of $170,831.48, with a total contract value of $1,218,769.28.

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

DULY AND REGULARLY ADOPTED AND APPROVED THIS 22th DAY OF MAY 2018.

Certified by:	Attested by:
_____	_____
JOSEPH T. DUENAS	**J. GEORGE BAMBA**
Chairperson	Secretary
Consolidated Commission on Utilities	Consolidated Commission on Utilities

I, J. George Bamba, Secretary for the Consolidated Commission on Utilities (CCU), as evidenced by my signature above do certify as follows:

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

Ayes: _____

Nays: _____

Absent: _____

Abstain: _____

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

TO: **Consolidated Commission on Utilities**

FROM: **General Manager**

DATE: **May 17, 2018**

SUBJECT: **General Manager's Report**

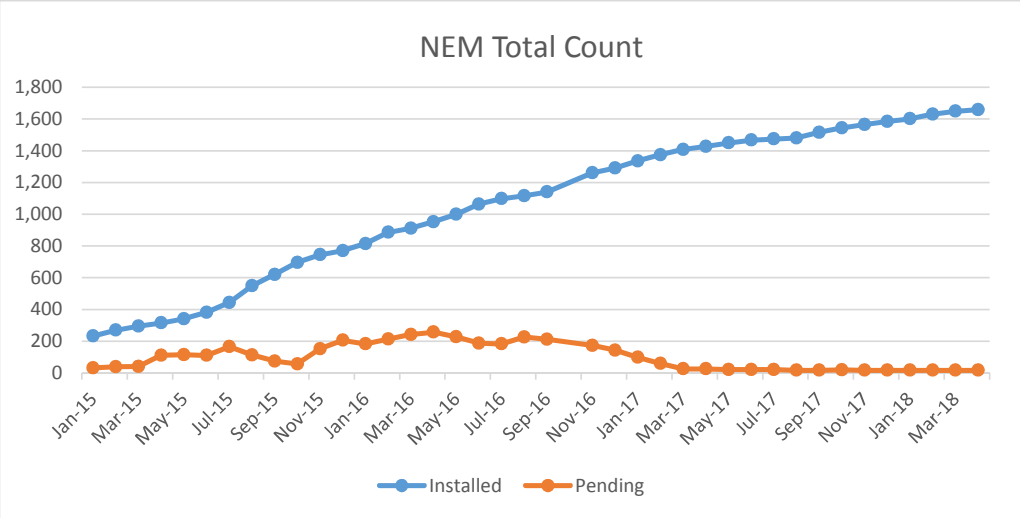
1. **Generation System Update:** The following summarizes the expected generation capacity situation for June 2018. The peak demand for June is projected to be 255 MW. GPA is scheduling the chemical cleaning of the Cabras 1 steam boiler for the end of May. The system is now heading into the higher peak months of the summer. Last year, the peak demand was 261 MW on August 1st, 2017. It is anticipated peak demand for CY 2018 may be 265MW. It appears the Demand Side Management program is having some impact in slowing the system growth in peak demand.

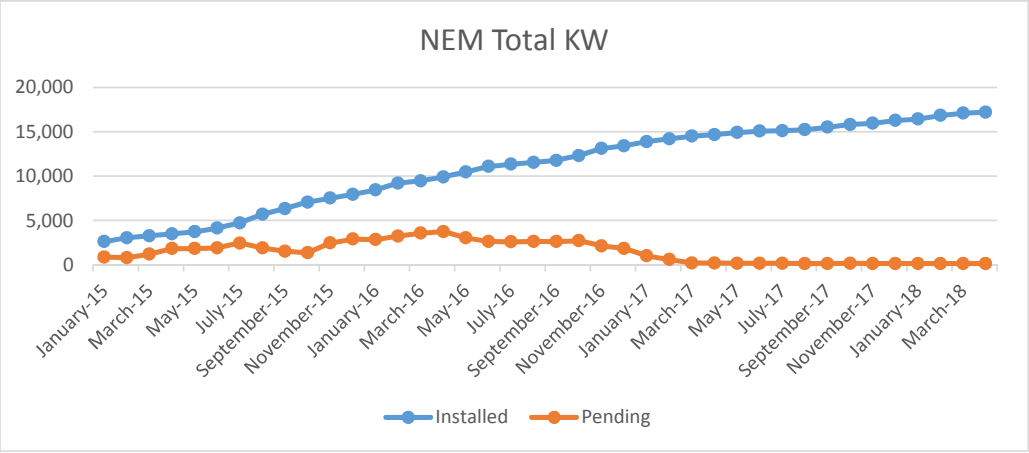
June 2018 Projected Capacity:	**385 MW**
June 2018 Projected Demand	**255 MW**
Projected Reserve Margin	**130 MW**

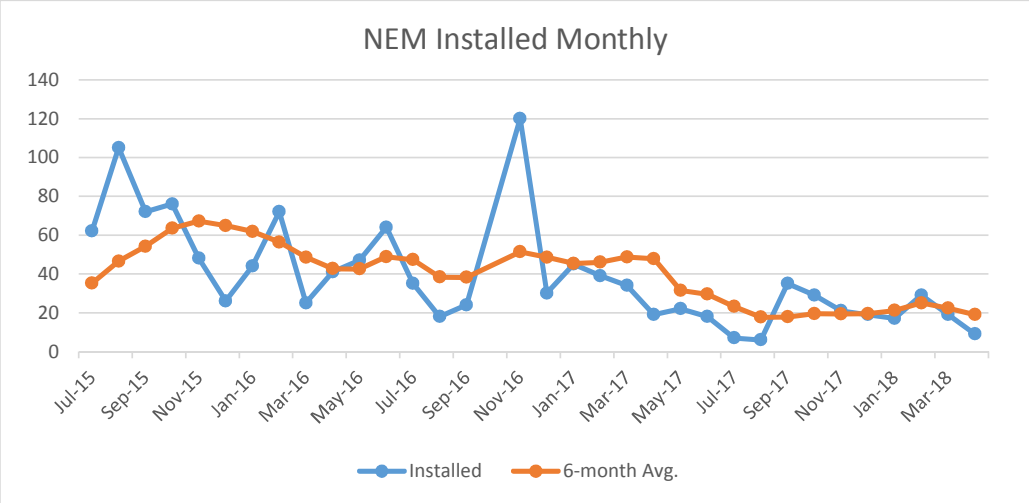
2. Net Metering Summary Ending April 2018:

Description:	Count	Kw
Active	**1,658**	**17,218**
Pending	17	129
Totals:	1,675	17,347

Service:	Count	KW	Kw/Customer
Residential	1,571	14,242	9.1
Others	87	2,976	34.2
Total:	1,658	17,218	10.4
% Residential	**94.8%**	**82.7%**	
Estimated 12 Months Revenue Impact:	$3,109,983		




NEM Total KW
20,000
15,000
10,000
5,000
0
January-15
March-15
May-15
July-15
September-15
November-15
January-16
March-16
May-16
July-16
September-16
November-16
January-17
March-17
May-17
July-17
September-17
November-17
January-18
March-18
Installed
Pending


NEM Installed Monthly
140
120
100
80
60
40
20
0
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
Installed
6-month Avg.

3. Renewable Energy Production Summary Thru April 2018:

Energy Production Source:	Kwh	Oil Barrels Avoided	Fuel Cost Avoided
NRG Total Production beginning Oct 2015	124,386,711	207,977	$11,438,719
Net Metering Estimated Production beginning Jan 2015	61,981,993	103,635	$5,699,922
Wind Power Production beginning Jan 2016	927,422	1,551	$85,287
Renewables Total:	**187,296,126**	**313,162**	**$17,223,928**

4. Demand Side Management (DSM) Program Expenses Thru April 2018.

All Expenses – Fiscal Year

Description	FY16	FY17	FY18 as of April 30	Total to Date
Labor	$11,348.80	$22,256.00	$11,005.25	$44,610.05
Contracts	$28,278.50	$73,010.05	$2,885.00	$104,173.55
Bank Fees	$155.00	$1,032.06	$230.00	$1,417.06
Paid Rebates–Split AC	$154,700.00	$557,275.00	$649,875.00	$1,361,850.00
Paid Rebates–Central AC	$3,400.00	$8,200.00	$1,300.00	$12,900.00
Paid Rebates–Washer/Dryer	$2,800.00	$7,425.00	$8,600.00	$18,825.00
Total Expenses	$200,682.30	$669,198.11	$673,895.25	$1,543,775.66

SUMMARY

DESCRIPTION	AMOUNT
Initial DSM Budget FY'16	$1,806,014.00
Interest Income as of Apr 18	$3,900.94
Total Expense	$1,543,775.66
Ending Balance as of Apr 18	$266,139.28
Addtl. Budget: Approved (FY'18)	$1,139,189.00
Total Ending Balance as of Apr 18:	**$1,405,328.28**

5. **Net Metering Customer Credit Recommendation:** GPA will complete its analysis and recommendation as to what credit and cost should be applied to net metering energy customers. GPA will provide its recommendation at the June 6, 2018 CCU regular meeting. Once the CCU approves a policy, GPA could petition the PUC for their approval.

6. **Phase II Renewables:** The Signing of the power purchase agreement with KEPCO/LGCNS is tentatively scheduled for May 31st at 9am here at Fadian. We will send out invitations to the CCU.

7. **Phase III Renewables Bid**: The bid has been issued. The bid request is for about 40MW of solar PV renewables to be constructed on Navy leased land. The technical proposals are due on June 19, 2018. The opening date of prices of acceptable technical proposals has been set for August 1, 2018.

8. **PUC April 26, 2018 regular meeting resulted in the following:**
   - **Approval of GPA Docket 18-12, Invitation for Bid (IFB) for Property Insurance**

   Dockets to be considered in the May PUC meeting:
   - **GPA Docket 18-13, Petition to Approve the Piti 8 & 9 Contract Extension with Marianas Energy Corporation**

9. **New Power Plant Procurement:**

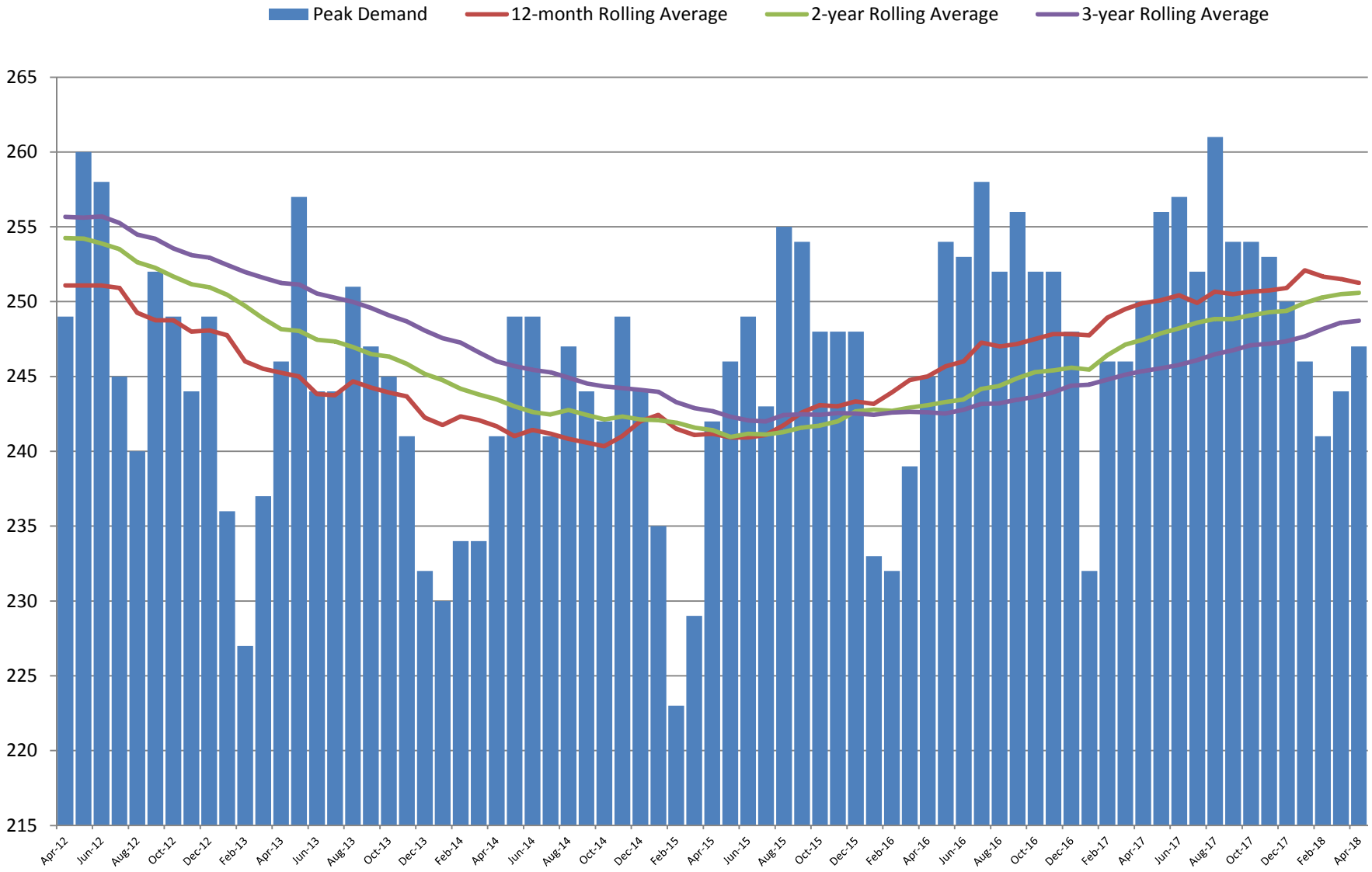
   - Public Law 102-34, consolidation of the Ukudo lots and rezoning to M1 took effect on May 16, 2018. The bill was passed by the 34th Legislature by a vote of 11-2. The Governor has allowed the Bill to lapse and become law. GPA will now file the petition for purchase of the 60 acres to the PUC in hopes they act on it in their May or June meeting.
   - Multi-Step Bid Invitation No. 034-18 was opened on April 5, 2018. Eighteen (18) proponents submitted their technical and financial information. The short list of proponents which met the required financial and technical experience requirement is scheduled to be announced by the end of May 2018.

10. **Supervisory Control and Data Acquisition (SCADA) Commissioning:** The new SCADA system being housed in Fadian is on track for commissioning in October 2018. The new system includes the latest technology for the GPA power and GWA water and wastewater system. The factory testing of the system's major components has been rescheduled to early June in Taiwan.

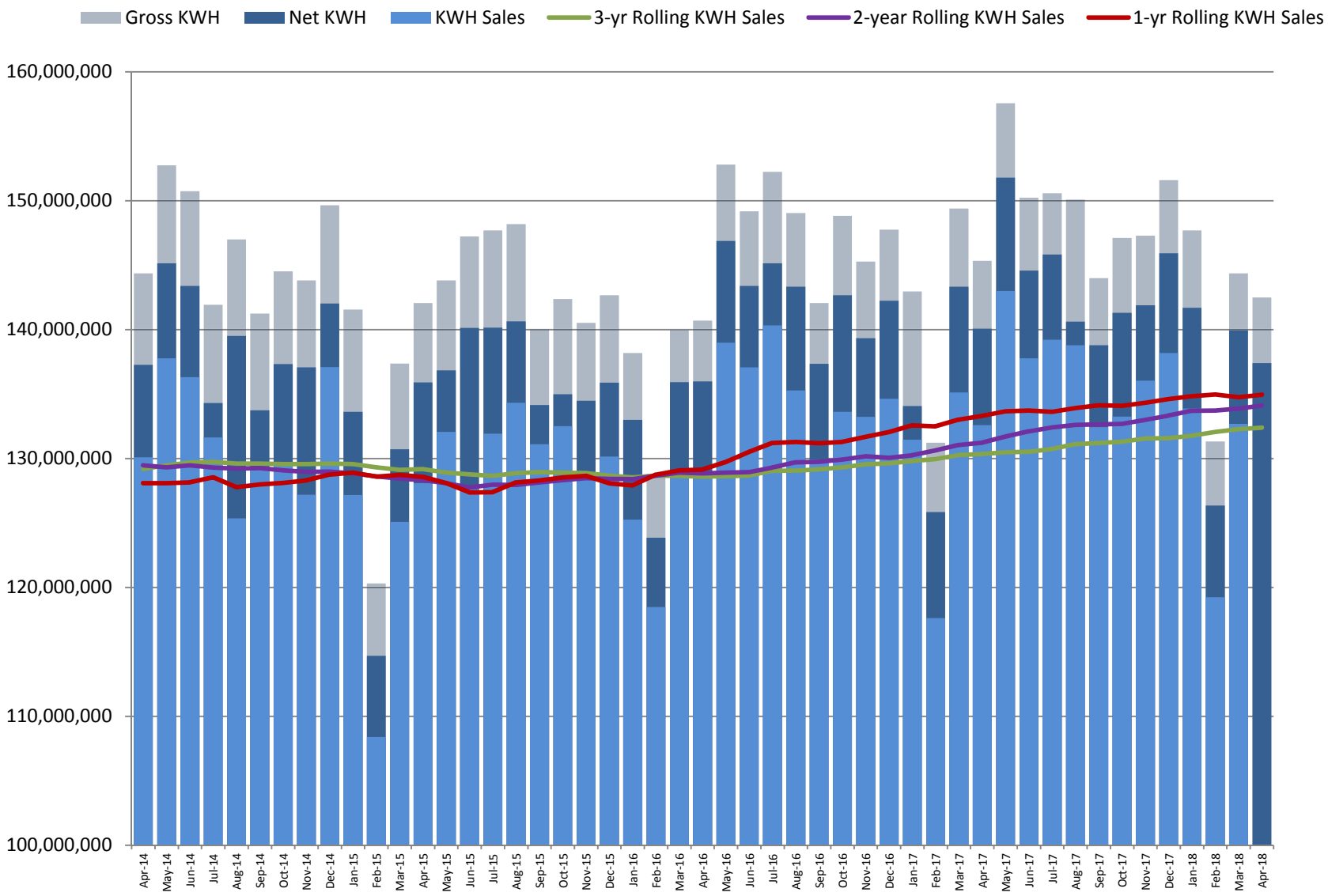
11. **Key Performance Indicators:** The following are updated indicators thru March 2018. Sales continued to be strong. Fuel oil prices have risen again and has passed $70 per bbl.

John M. Benavente, P.E.

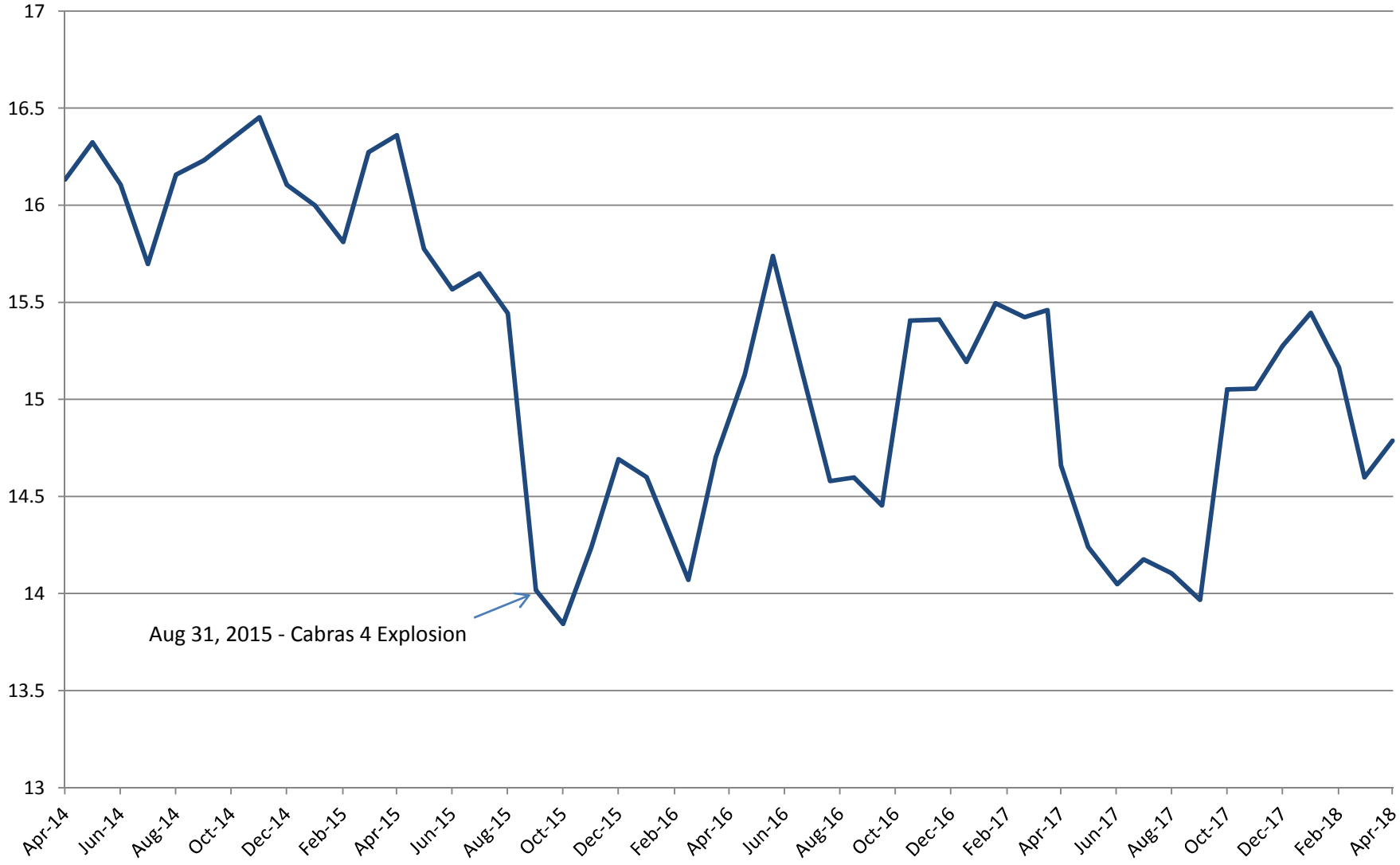
Historical Monthly Peak Demand
April 2012 - April 2018

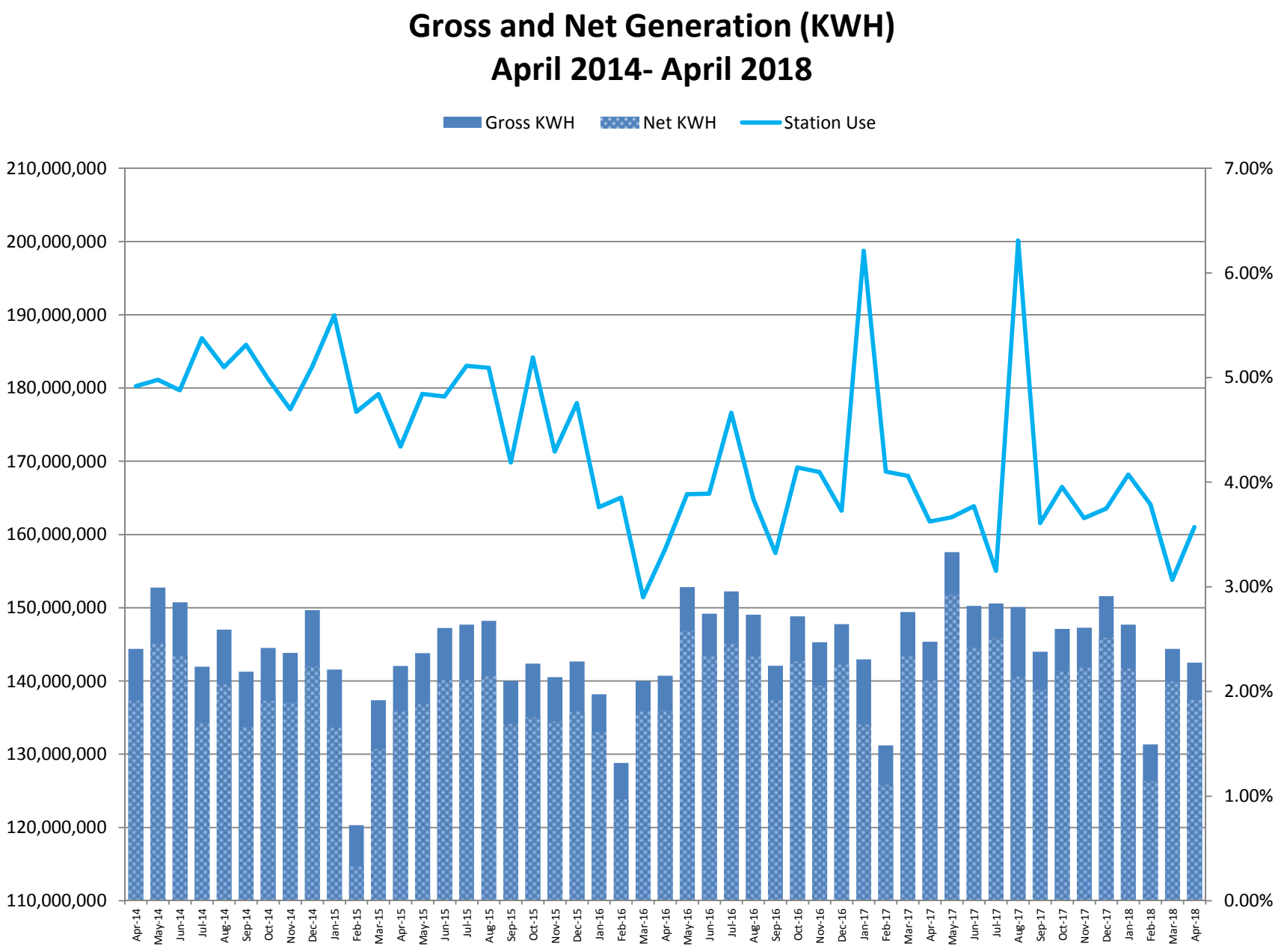


Historical KWH Sales
April 2014 - April 2018

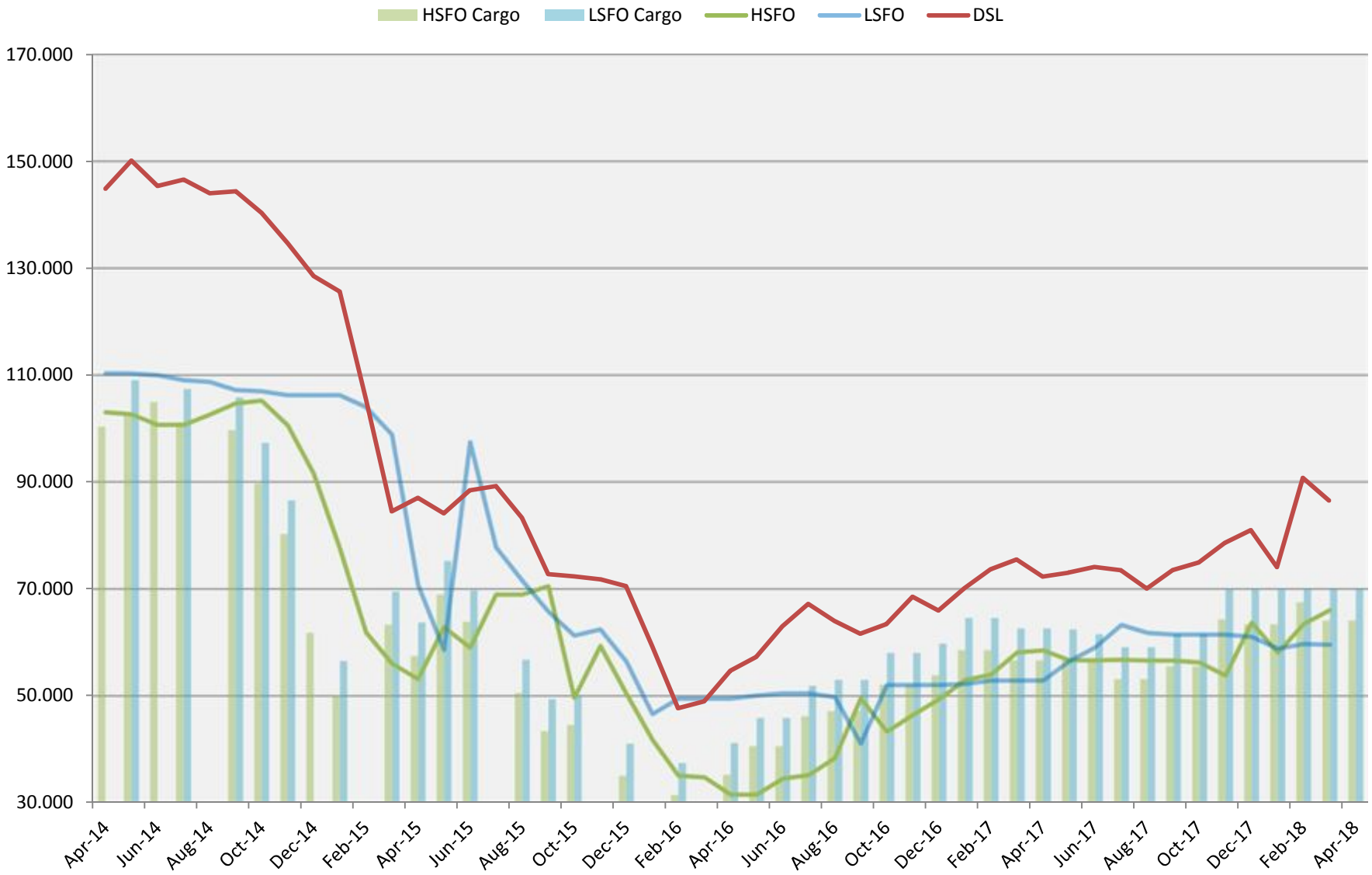


SYSTEM GROSS HEAT RATE
(KWH/Gal)
April 2014 - April 2018




Gross and Net Generation (KWH)
April 2014- April 2018
Gross KWH
Net KWH
Station Use
210,000,000
200,000,000
190,000,000
180,000,000
170,000,000
160,000,000
150,000,000
140,000,000
130,000,000
120,000,000
110,000,000
7.00%
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
Apr-14
May-14
Jun-14
Jul-14
Aug-14
Sep-14
Oct-14
Nov-14
Dec-14
Jan-15
Feb-15
Mar-15
Apr-15
May-15
Jun-15
Jul-15
Aug-15
Sep-15
Oct-15
Nov-15
Dec-15
Jan-16
Feb-16
Mar-16
Apr-16
May-16
Jun-16
Jul-16
Aug-16
Sep-16
Oct-16
Nov-16
Dec-16
Jan-17
Feb-17
Mar-17
Apr-17
May-17
Jun-17
Jul-17
Aug-17
Sep-17
Oct-17
Nov-17
Dec-17
Jan-18
Feb-18
Mar-18
Apr-18

Fuel Cargo and Fuel Consumption Costs ($/bbl)
April 2014 - April 2018



ISSUES FOR DISCUSSION

ORGANIZATIONAL REALIGNMENT

Summary

- 2011 - 2014: Installation of smart meters and accessories significantly changed GPA's processes & structure
- GPA commissioned an analysis of then-current processes and the anticipated changes
- Several recommendations were instituted, including changes to some business processes and organizational structure
- Other changes were instituted, yet not formalized

Outstanding Actions:

- *Reflect the current processes & structure*
- *Create new positions*
- *Eliminate overlap of similar functions*
- *Abolish unnecessary positions*

Actions

LIST OF POSITIONS TO BE ABOLISHED	LIST OF POSITIONS TO BE CREATED	LIST OF JOB STANDARDS TO BE AMENDED
Electric Meter Reader I	AMI Technician	Meter Electrician I
Electric Meter Reader II	AMI Technician Leader	Meter Electrician II
Electric Meter Reader Leader		Meter Electrician Leader
Electric Meter Reader Supervisor		Meter Electrician Supervisor
Customer Service Electrician I		Electric Relay Technician I
Customer Service Electrician II		Electric Relay Technician II
Customer Service Electrician Leader		Electric Relay Technician Leader
Customer Service Electrician Supervisor		Electric Relay Technician Supervisor

SOPs & APs will be reviewed and amended; or created accordingly.

Process

REALIGN

Amend Job Standards & Position Descriptions to Add New Duties

RECRUIT

Continuous Recruitment

Announce New Positions

REORGANIZE

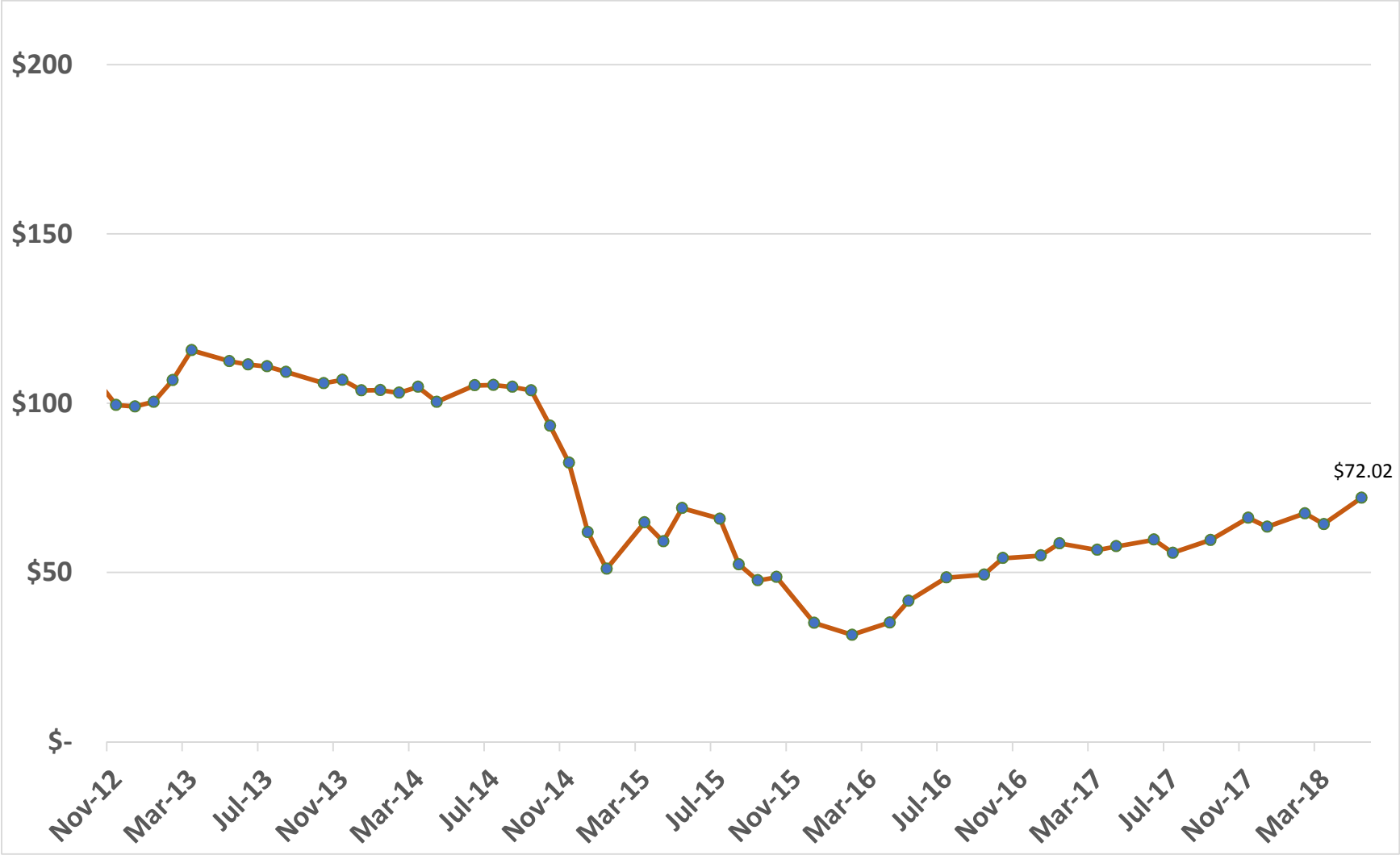
Create New Positions

Abolish Unnecessary Positions

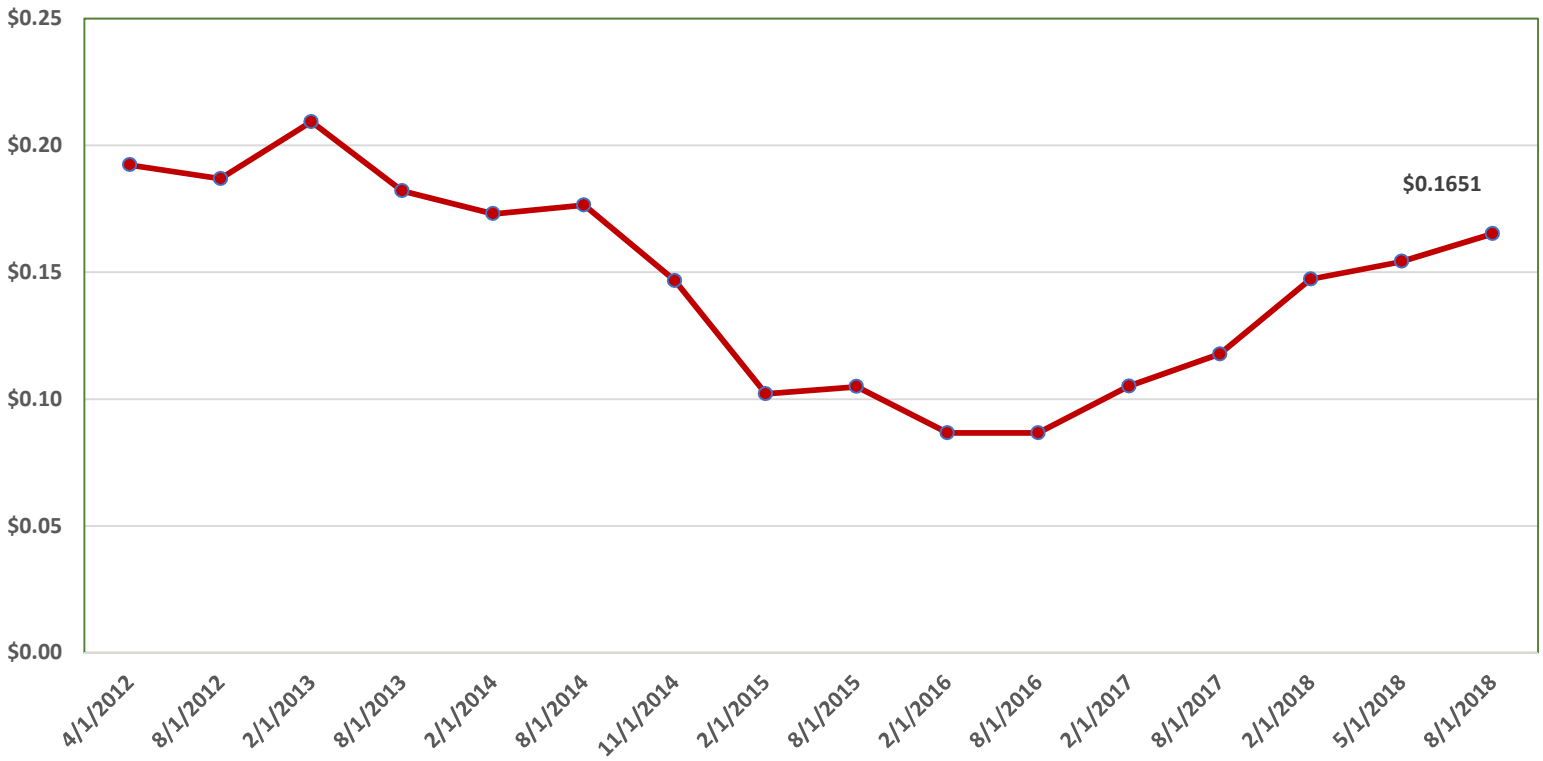
Proposed Action Timeline

	JUN-18	JUL-18	AUG-18	SEP-18	OCT-18
REALIGNMENT	Amend Existing Job Standards & Position Descriptions				
RECRUITMENT	Continue In-House Job Announcements Employee Outreach		Begin to Fill New Positions		
REORGANIZATION	Submit Request to CCU		*23-Aug Proposed Effective Date for New Positions	*30-Sep Proposed Effective Date for Abolished Positions	
	Begin Regulatory Process Upon Approval (Employee Notices, Priority Placement, etc.)				

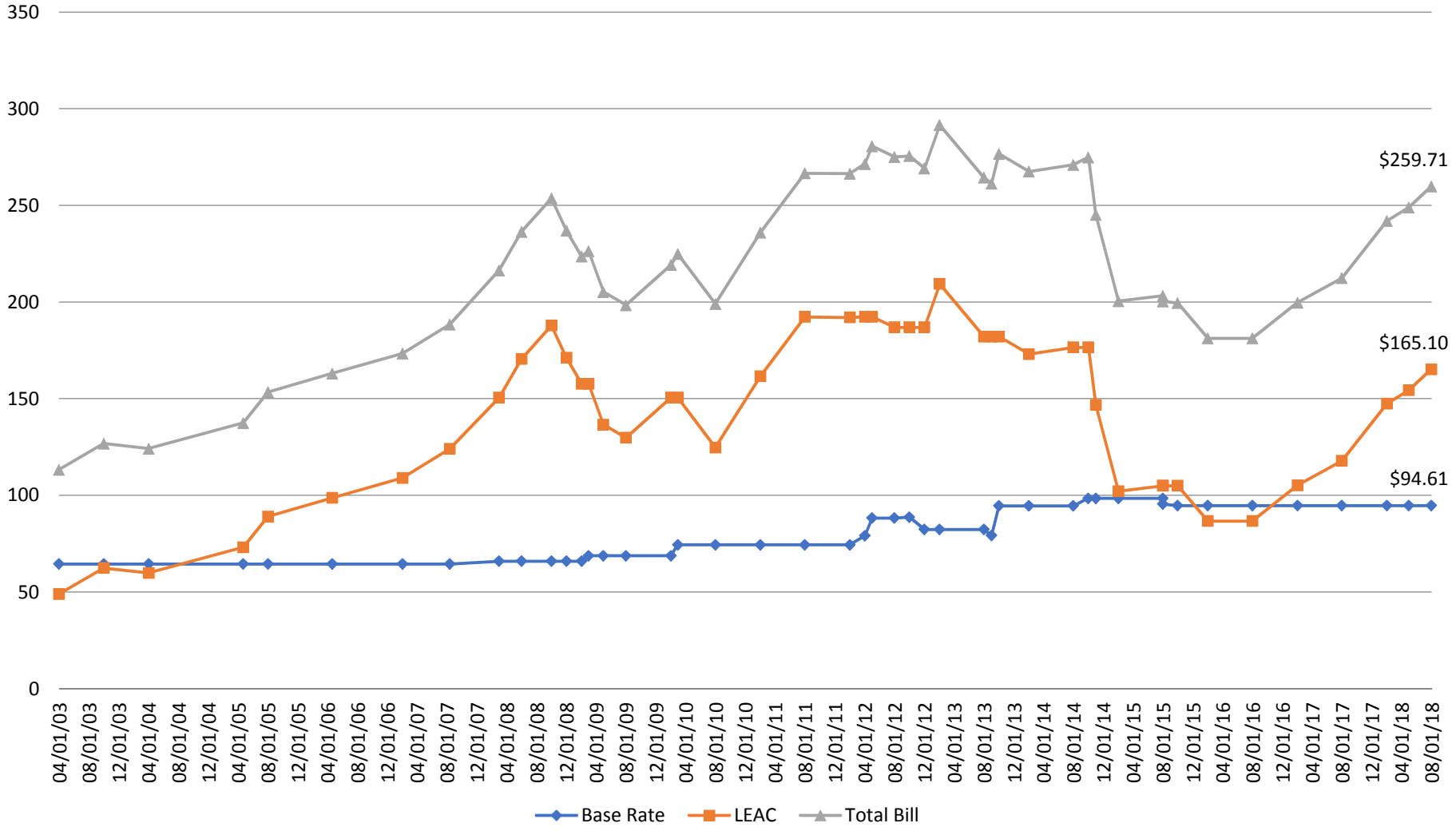
LEAC Update – GPA Fuel Purchases (Per Barrel)



Historical and Proposed LEAC Rate @100% Recovery



Historical Residential Rate with the Proposed LEAC rate



LEAC Update – Scenario Model Runs

		Scenario 1 At Current Fuel Price		
		No Change in Fuel Price [1] Proposed Eff 8/01/2018	@ Zero Cost Recovery Proposed Eff 8/01/2018	@ Full Cost Recovery Proposed Eff 8/01/2018
1	Average Price per Bbl-RFO	$ 65.23	$ 74.59	$ 74.59
2	Average Price per Gal-Diesel	$ 89.86	$ 97.05	$ 97.05
3	Proposed LEAC Rate	**$ 0.154242**	**$ 0.154242**	**$ 0.165100**
4	Monthly Increase/(Decrease) - 1000 kWh	$ -	$ -	$ 10.86
5	% Increase/(Decrease) in LEAC	0.00%	0.00%	7.04%
6	% Increase/(Decrease) in Total Bill	0.00%	0.00%	4.36%
7	Fuel Cost (Over) Under Recovery at the end of the period	($3.0M)	$7.1M	$ -

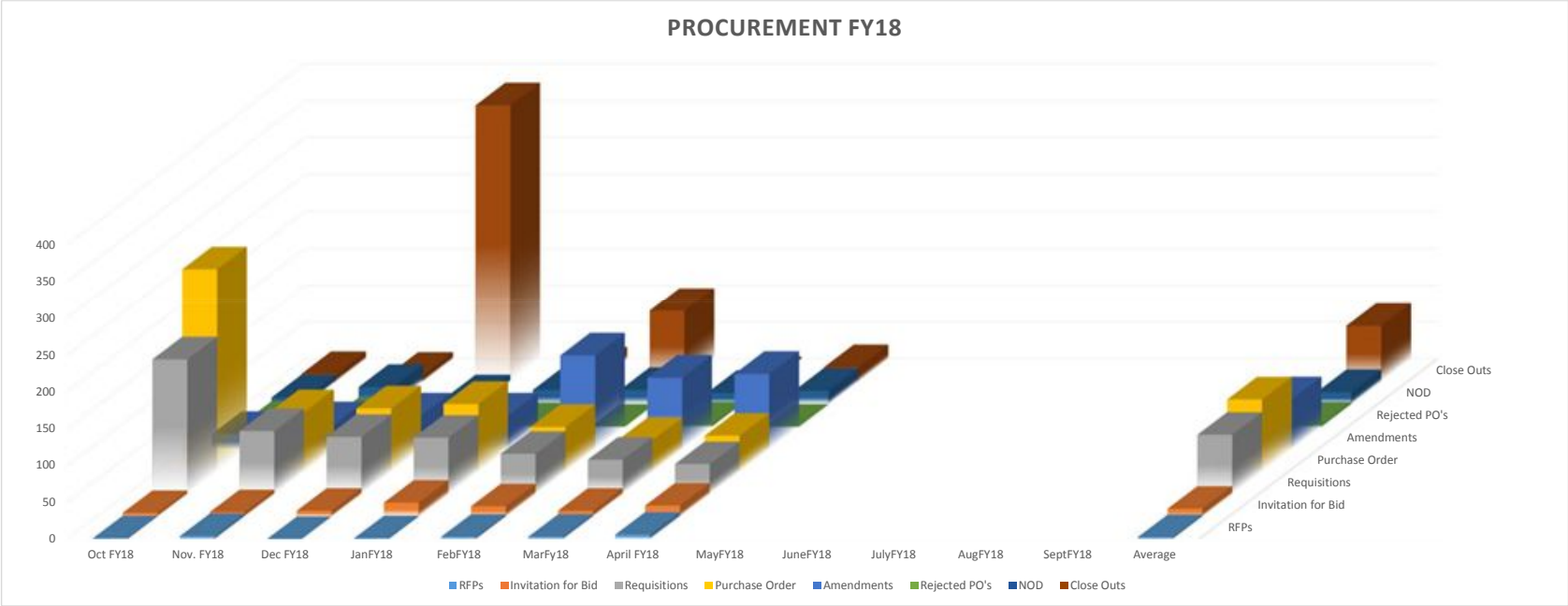
Note 1 If the fuel prices remained the same, the LEAC rate will decreased by 2.94%

LEAC Update – Scenario Model Runs

		Scenario 2 Fuel Price Increased by 15%	
		@ Zero Cost Recovery Proposed Eff 8/01/2018	@ Full Cost Recovery Proposed Eff 8/01/2018
18	Average Price per Bbl-RFO	$ 85.00	$ 85.00
2	Average Price per Gal-Diesel	$ 110.00	$ 110.00
20	Proposed LEAC Rate	**$ 0.154242**	**$ 0.184695**
21	Monthly Increase/(Decrease) - 1000 kWh	$ -	$ 30.45
22	% Increase/(Decrease) in LEAC	0.00%	19.74%
23	% Increase/(Decrease) in Total Bill	0.00%	12.24%
24	Fuel Cost (Over) Under Recovery at the end of the period	$20.1M	$ -

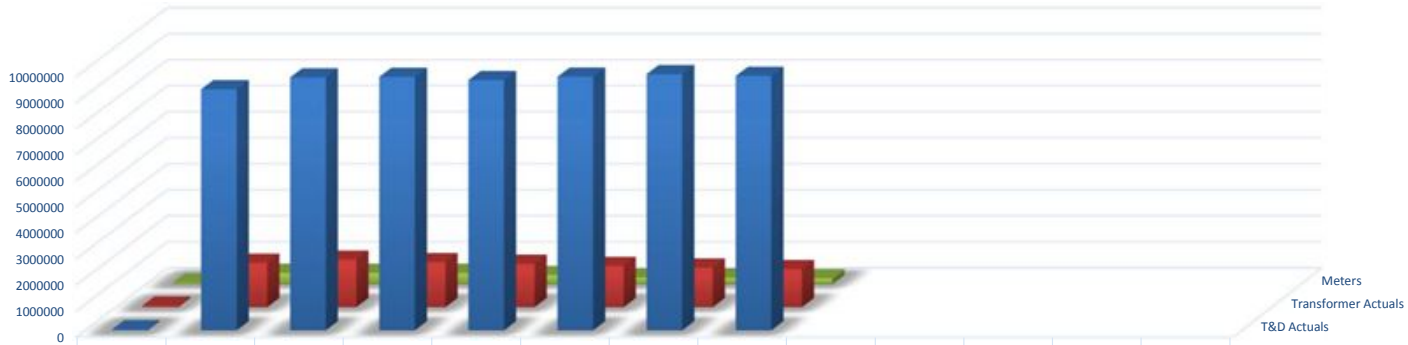
LEAC Update - Sample Residential Bill

		Rate Schedule R			
		Current LEAC Effective 5/1/18		Proposed LEAC Effective 8/1/18	
KWH			1,000		1,000
Monthly Charge		15.00	15.00	15.00	15.00
Non-Fuel Energy Charge					
	First 500 KWH	0.06955	$ 34.78	0.06955	$ 34.78
	Over 500 KWH	0.08687	$ 43.44	0.08687	$ 43.44
Emergency Water-well charge		0.00279	$ 1.40	0.00279	$ 1.40
Insurance Charge			$ -		$ -
Working Capital Fund Surcharge			$ -		$ -
Total Electric Charge before Fuel Recovery Charges			$ 94.61		$ 94.61
Fuel Recovery Charge		**0.154242**	154.24	**0.165100**	165.10
Total Electric Charge			$248.85		$259.71
Increase (Decrease) in Total Bill					$10.86
% Increase (Decrease) in Total Bill					**4.36%**
% Increase (Decrease) in LEAC					**7.04%**



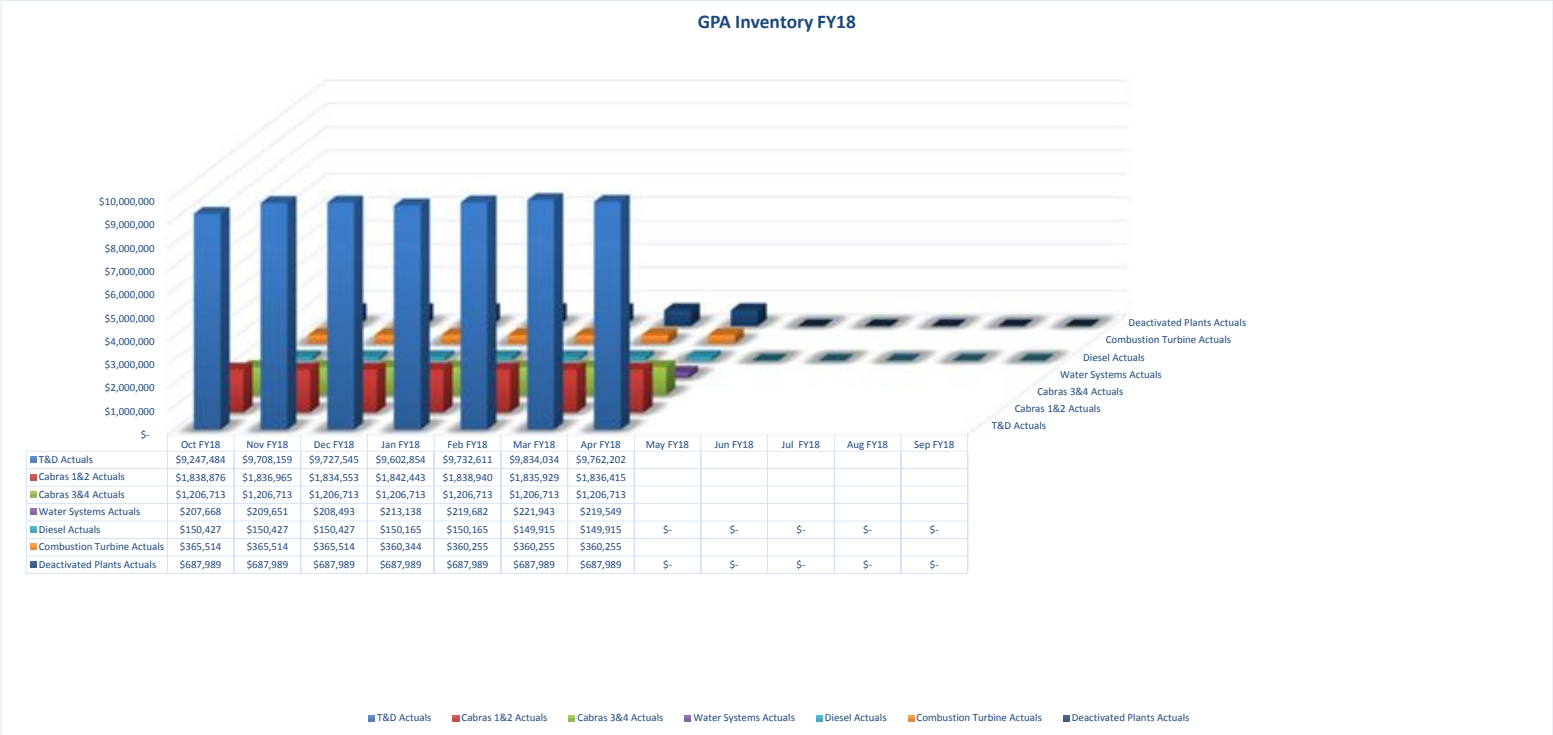
	Oct FY18	Nov. FY18	Dec FY18	JanFY18	FebFY18	MarFy18	April FY18	MayFY18	JuneFY18	JulyFY18	AugFY18	SeptFY18	Average
RFPs	1	4	0	1	3	3	6						2.57142857
Invitation for Bid	5	6	8	19	14	8	15						10.7142857
Requisitions	183	86	78	77	55	47	41						81
Purchase Order	275	81	86	92	61	43	49						98.1428571
Amendments	**21**	**34**	**46**	**46**	**127**	**97**	**102**						67.5714286
Rejected PO's	4	9	0	2	0	3	0						2.57142857
NOD	9	23	9	19	19	15	18						16
Close Outs	10	9	374	16	96	3	19						75.2857143

T&D Inventory Actuals FY18



	Branch Plant	Oct FY18	Nov FY18	Dec FY18	Jan FY18	Feb FY18	Mar FY18	Apr FY18	May FY18	Jun FY18	Jul FY18	Aug FY18	Sep FY18
T&D Actuals	32100	$9,247,484	$9,708,159	$9,727,545	$9,602,854	$9,732,611	$9,834,034	$9,762,202					
Transformer Actuals	59900	$1,701,456	$1,817,711	$1,724,028	$1,664,121	$1,576,932	$1,512,485	$1,460,552					
Meters	59100	$431,024	$431,024	$431,024	$345,888	$254,496	$249,056	$221,936					

T&D Actuals Transformer Actuals Meters



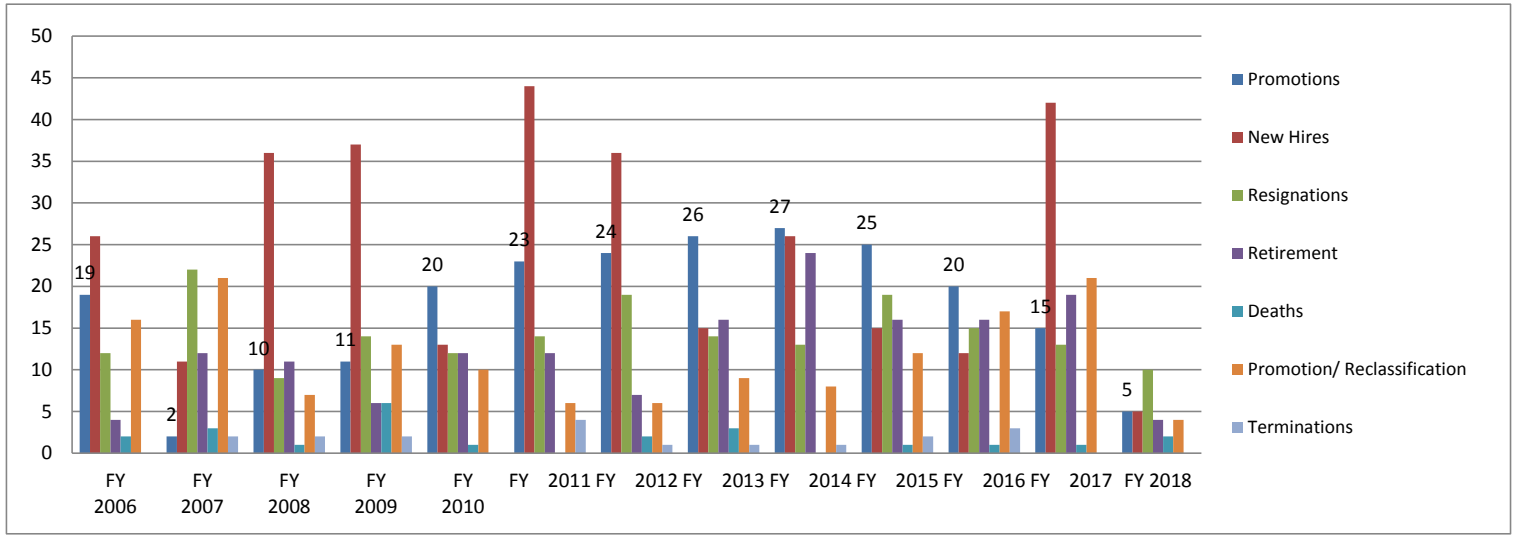
	Oct FY18	Nov FY18	Dec FY18	Jan FY18	Feb FY18	Mar FY18	Apr FY18	May FY18	Jun FY18	Jul FY18	Aug FY18	Sep FY18
T&D Actuals	$9,247,484	$9,708,159	$9,727,545	$9,602,854	$9,732,611	$9,834,034	$9,762,202					
Cabras 1&2 Actuals	$1,838,876	$1,836,965	$1,834,553	$1,842,443	$1,838,940	$1,835,929	$1,836,415					
Cabras 3&4 Actuals	$1,206,713	$1,206,713	$1,206,713	$1,206,713	$1,206,713	$1,206,713	$1,206,713					
Water Systems Actuals	$207,668	$209,651	$208,493	$213,138	$219,682	$221,943	$219,549					
Diesel Actuals	$150,427	$150,427	$150,427	$150,165	$150,165	$149,915	$149,915	$-	$-	$-	$-	$-
Combustion Turbine Actuals	$365,514	$365,514	$365,514	$360,344	$360,255	$360,255	$360,255					
Deactivated Plants Actuals	$687,989	$687,989	$687,989	$687,989	$687,989	$687,989	$687,989	$-	$-	$-	$-	$-

RECRUITMENT ANALYSIS

Fiscal Year	Promotions	New Hires	Resignations	Retirement	Deaths	Promotion/ Reclassifi-cation	Termina-tions	Total Author-ized FTE	Attrition Rate	Total Filled FTE at end of Fiscal Year	Percentage of Filled FTE at end of Fiscal Year
2006	19	26	12	4	2	16	0	584	3.3%	536	91.8%
2007	2	11	22	12	3	21	2	584	7.2%	510	87.3%
2008	10	36	9	11	1	7	2	592	4.5%	525	88.7%
2009	11	37	14	6	6	13	2	592	5.3%	534	90.2%
2010	20	13	12	12	1	10	0	592	4.7%	522	88.2%
2011	23	44	14	12	0	6	4	592	5.7%	536	90.5%
2012	24	36	19	7	2	6	1	568	5.4%	543	95.6%
2013	26	15	14	16	3	9	1	568	6.3%	524	92.3%
2014	27	26	13	24	0	8	1	568	7.3%	512	90.1%
2015	25	15	19	16	1	12	2	539	7.4%	489	90.7%
2016	20	12	15	16	1	17	3	510	7.2%	466	91.4%
2017	15	42	13	19	1	21	0	510	7.1%	476	93.3%
2018	5	5	10	4	2	4	0	510	3.4%	465	91.2%

Recruitment Analysis (FY 2018) ..1 of 2

as of 04/30/18



	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018
Promotions	19	2	10	11	20	23	24	26	27	25	20	15	5
New Hires	26	11	36	37	13	44	36	15	26	15	12	42	5
Resignations	12	22	9	14	12	14	19	14	13	19	15	13	10
Retirement	4	12	11	6	12	12	7	16	24	16	16	19	4
Deaths	2	3	1	6	1	0	2	3	0	1	1	1	2
Promotion/ Reclassification	16	21	7	13	10	6	6	9	8	12	17	21	4
Terminations	0	2	2	2	0	4	1	1	1	2	3	0	0

TOTAL NO. OF EMPLOYEES	**536**	**510**	**525**	**534**	**522**	**536**	**543**	**524**	**512**	**489**	**466**	**476**	**465**

Recruitment Analysis (FY 2018) .. 2 of 2

as of 04/30/18

GUAM POWER AUTHORITY
HUMAN RESOURCES DIVISION
STAFFING REPORT (FY 2018)
AS OF APRIL 30, 2018

DIVISION	B1 ACTIVE EMP	B2 LAST EMP	C PROMOTE /TRANS	D PROM. RECLASS	E NEW HIRES	F RESIGN/ TERM	G RETIRE	H CURR VAC	I LAST VAC	(B1+H=K) TOTAL STAFFING
INTERNAL AUDIT/REVENUE PROTECTION	2	2	0	0	0	0	0	2	2	4
BOARD(10200)	2	2	0	0	0	0	0	0	0	2
GENERAL MANAGER (CUS) [10100]	0	0	0	0	0	0	0	0	0	0
GENERAL MANAGER (20500)	4	4	0	0	0	0	0	0	0	4
PUBLIC INFORMATION OFFICE	2	2	0	0	0	0	0	0	0	2
ASSIST GM-ENG/TECH SVCS (30500)	1	1	0	0	0	0	0	0	0	1
ASSISTANT GENERAL MGR (30800)	1	1	0	0	0	0	0	1	1	2
ASSISTANT GENERAL MGR (AGMO) 50900	2	2	0	0	0	0	0	0	0	2
STRAT PLANN & OPTNS RESEARCH DIV	9	9	0	0	0	0	0	2	2	11
FACILITIES	9	9	0	0	0	0	0	0	0	9
HUMAN RESOURCES	10	10	0	0	0	0	0	0	0	10
CUSTOMER SERVICES	34	34	0	0	0	0	0	3	3	37
INFORMATION TECHNOLOGY	14	14	0	0	0	0	0	2	2	16
FINANCE	42	42	0	0	0	0	0	4	4	46
PROCUREMENT	21	21	0	0	0	0	0	1	1	22
TRANSPORTATION	9	9	0	0	0	0	0	2	2	11
SAFETY	6	6	0	0	0	0	0	1	1	7
PLANNING & REG	8	8	0	0	0	0	0	0	0	8
ENGINEERING	37	37	0	0	0	0	0	2	2	39
GENERATION	133	133	0	0	0	0	0	12	12	145
TRANSMISSION/DISTRIBUTION	97	97	5	0	0	0	0	10	10	107
POWER SYSTEM CONTROL CENTER	22	22	0	0	0	0	0	3	3	25
	465	465	5	0	0	0	0	45	45	510
JOBS/SCSEP/GETP PARTICIPANTS	2	2								2
WORK EXPERIENCE PROGRAM	4	4								
APPRENTICESHIP PROGRAM	0	0								0
SUMMER ENGINEERING INTERNS	0	0								0
TEMPORARY (P.L. 34-32)	1	1								1
GRAND TOTAL WORKFORCE:	472	472	5	0	0	0	0	45	45	513

FTE Count per FY18 FMP: 510

Current vacancies adjusted to reflect FTE of 510

** JOBS = Job Opportunities and Basic Skills (individuals under the Public Health assistance program)

** GETP = Guam Employment & Training Program (individuals under the Public Health assistance program)

** SCSEP = Senior Community Service Employment Program

** APPRENTICESHIP TRAINING PROGRAM - Generation, PSCC and T&D combined total

** JOBS/SCSEP/GETP and Apprentice program participants are not included in the total annual budgeted FTE (Full-Time Employee) count.

** P.L. 34-32 -Temporary employee(s)

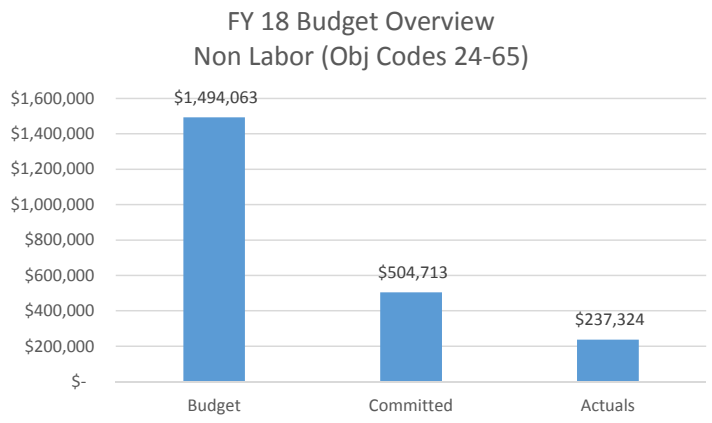
Staffing Report as of April 30, 2018 - PREPARED BY: J.Aguigui

SPORD CCU Report

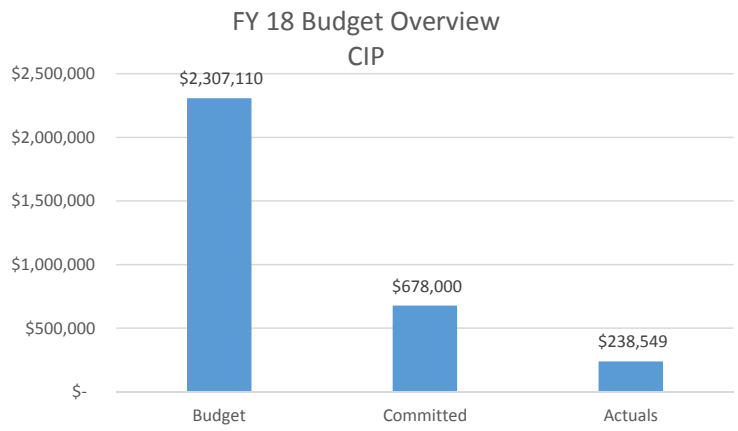
April 2018

SPORD FY 2018 Budget Status

- SPORD O&M:



- CIP



2

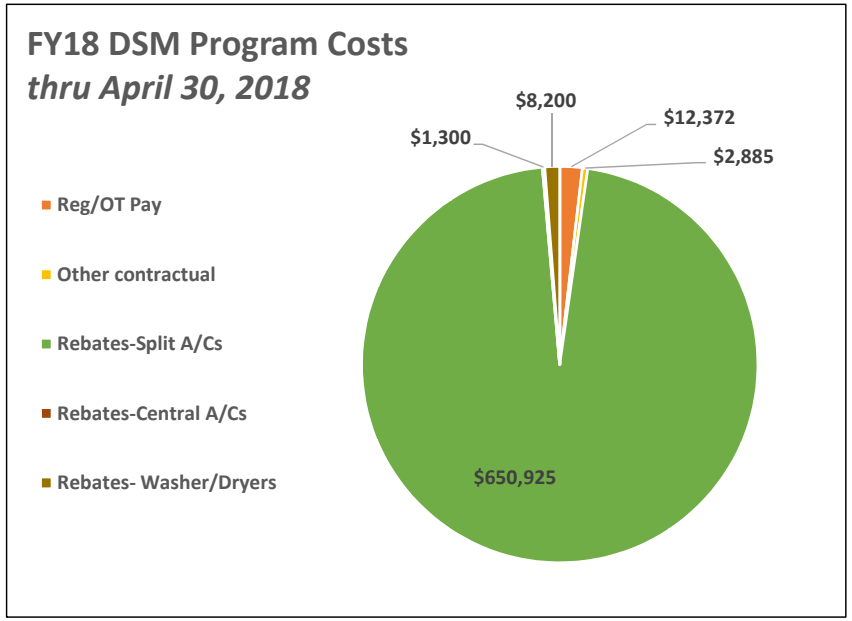
SPORD FY 2018 Budget Status

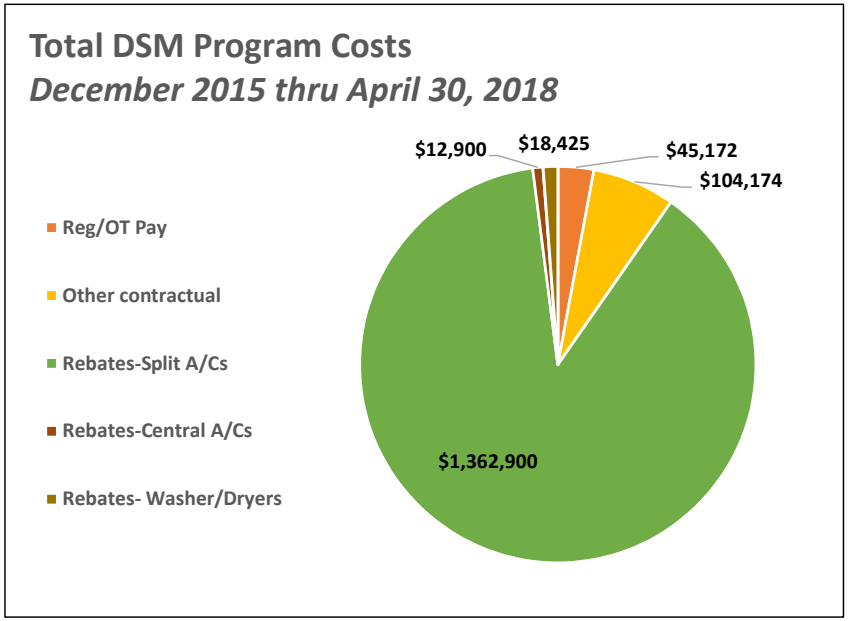
- Major Contracts (Non-O&M) thru March 2018

	Annual Contract Amount	Actuals	Balance
Aggreko Contract	$ 10,983,096	$ 5,842,713	$ 5,140,383
Fuel Contracts	$ 200,124,429	$ 96,205,313	$ 103,919,116
MEC IPP (Piti 8&9)	$ 31,909,347	$ 18,509,358	$ 13,399,989
NRG Contract (Renewable)	$ 10,170,682	$ 4,689,457	$ 5,481,225

SPORD FY 2018 Budget Status

- DSM Expenses





4

Ongoing Activities

- Contract Performance Management (IPP, PMC, Agrekko)
- Generation Fuel Supply & Fuel Farm Management
- DSM Rebate Processing
- Renewables (Wind Turbine Maintenance & DOAg MOA, NRG Invoicing)
- Smart Grid/Network Support
- Project Management
  - Procurement
  - *April Project Activities*

PROCUREMENT ACTIVITIES

PENDING AWARD / NTP

Responsible	PROJECT	Description	CCU Date Approved (Resolution No.)	PUC Date Approved (Docket No.)	Projected Start*	Projected Completion	Status
SPORD (FJI)	RENEWABLES	Phase II - KEPCO/LG CNS	1/23/18 (2018-01)	3/29/2018 (18-06)	4/30/2021	4/24/2046	Pending contract signature & ntp scheduled for end of May (final date pending)
SPORD (FJI)	RENEWABLES	Phase II - KEPCO/LG CNS	2/27/18 (2018-04)	3/29/2018 (18-08)	10/1/2020	9/25/2045	Final start dates pending. Also pending contract signing date.

ONGOING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Bid/RFP No	Announced	Bid Opening / Due	Notes
SPORD (RAC)	SCADA	SCADA Workstations	Bid	GPA-049-18	2/13/2018	3/14/2018	Award Recommendation memo for approval submitted 3/27/2018. Pending Procurement letter to Vendor.
SPORD (FJI)	NEW POWER PLANT	Geotechnical Services	RFP	Resolicitation GPA-RFP-18-002	5/1/2018 (2/6/2018) (3/20/2018)	5/16/2018	3rd attempt for Bid solicitation resolicited due to no proposals received in original and 2nd solicitation.
SPORD (RAC)	SMART GRID	MV90 Integration Services	RFP	GPA-RFP-18-001	1/30/2018	3/6/2018	(Evaluation Completed - Approval Memo for award submitted - 3/30/2018) PMM Pending Price proposal.
SPORD (RAC)	PLANNING	Milsoft Systems Software Services	RFP	GPA-RFP-18-003	2/1/2018	3/7/2018	(Evaluation Completed - Approval Memo for award submitted - 3/28/2018) Price Proposal under review.
SPORD (ANF)	FUEL	Petroleum Inspection Services	MS Bid	GPA-014-18	1/30/2018	5/2/2018	Step 2 - Price bid
SPORD (FJI)	NEW POWER PLANT	Build, Operate & Transfer Contract for 120-180MW of New Generation Capacity. **(PHASE I - REQUEST FOR QUALIFICATIONS)**	MS Bid	GPA-034-18	1/16/2018	4/5/2018	Step I - Closing of Qualifications. (18 proposals recevied on 4/5/18) Evaluation extended thru 5/11/18.

ONGOING PROCUREMENT (continued)							
SPORD (ANF)	FUEL	Supply of Residual Fuel Oil No. 6	MS Bid	GPA-009-18	11/16/2017	5/11/2018	04/04-24/2018- Finance revised insurance requirements. Phase I- Closing of Technical Proposal extended to May 11, 2018.
SPORD (ANF)	FUEL	Supply of Diesel Fuel Oil No. 2	MS Bid	GPA-008-18	11/16/2017	5/31/2018	Bid specs changed to include delivery- awaiting final review by Fuel Committee and Legal. Phase I- Closing of Technical Proposal extended to May 31, 2018.
SPORD (JTL)	RENEWABLES	Renewable Energy Resource Phase III	MS Bid	GPA-007-18	11/16/2017	6/19/2018	Step I - Closing of Technical Proposal
SPORD (RAC)	SMART GRID	Mobile Workforce Management System (MWMS) **RE-BID**	MS Bid	GPA-023-17	10/5/2017	3/20/2018	(Evaluation Completed - Approval Memo for award submitted - 3/21/2018) Pending Vendor Business License
ENGINEERING	FUEL	GPA Tank Farm RFO Pipeline Upgrade - Design / Build	Bid	GPA-047-18	2/8/2018	12/31/2018	To repair existing RFO lines at the Bulk Fuel Farm and upgrade pipe supports and install new pressure relief system

DEVELOPING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	CCU Meeting	Projected Start	Projected Completion	Status
SPORD (MAT)	IPP Contract	Piti #8&9 IPP Contract	MS Bid				PENDING. Extension of current ECA approved by CCU and under PUC revie. Bid document preparation for a new contract in-progress; will bid if Extension not approved by CCU, otherwise, bid will be postpone until 2020, to cover period after extension.
SPORD (FJI)	NEW POWER PLANT	Build, Operate & Transfer Contract for 120-180MW of New Generation Capacity. **(PHASE II - TECHNICAL SPECIFICATIONS)**	MS Bid				Pending final bid documents.
ENGINEERING	FUEL	GPA Tank Farm DFO Pipeline Upgrade - Design / Build	Bid		2/8/2018	9/30/2019	Preparation of IFB bid specs in progress. To install new diesel line from Navy Tie-in to the Bulk Fuel Tanks and replace diesel line to TEMES CT
ENGINEERING	FUEL	Tank 1935 API 653 Internal Inspection	Bid		5/1/2018	5/31/2019	Preparation of IFB bid specs in progress. Budgetted for FY 2018.
ENGINEERING	FUEL	OWS Upgrading	Bid		5/1/2018	5/31/2019	Preparation of IFB bid specs in progress.
ENGINEERING	FUEL	LD System Upgrading	Bid		5/1/2018	5/31/2019	Preparation of IFB bid specs in progress.
SPORD (RAC)	ELECTRIC VEHICLE	Electric Vehicle Charging Stations	Bid		May-18	Sep-18	
SPORD (RAC)	SCADA	DNP3 SA training	RFP		May-18	Dec-18	
SPORD (RAC)	ELECTRIC VEHICLE	Electric Vehicle Infrastructure	RFP		Jun-18	Dec-18	
SPORD (RAC)	STUDIES	Consulting Services for Distribution Study using Smart Grid Analytics	RFP		Jun-18	May-19	
SPORD (RAC)	SMARTWORK SYSTEMS	Smartworks Systems Software Services	RFP		Jun-18	Continous	8

Project Activities

No.	Project Description	April 2018 Activities	Status / Est. Completion	RFP/Bid No
1	Energy Storage System (Phase I)	GPA reviewing revised 100% design. Clearing and grading permit work commenced in November 2017. Foundation permit work commenced in January 2018. Construction is 32% completed.	September 2018	MS Bid GPA-082-15
2	Renewable Energy Resource Phase II	PUC ratifies KEPCO contract (Docket 18-06) and approves HANWHA contract (Docket 18-08) on March 29, 2018. Contract signing for KEPCO scheduled for end of May (Kepco). Hanwha scehdule pending.	KEPCO PV plant COD is APR 2021. Hanwha's COD is anticipated for 1st qtr of 2020.	MS Bid GPA-070-16
3	New Power Plant Bid (EPCM)	Request for Qualification announced on January 16, 2018. Proposals deadline extended to April 5, 2018 due to questions and clarificaitons. Technical specifications are being reviewed and updated based on public hearings and technology neutral requirements. Evaluation extended to May 11, 2018.	Jan 2018 (Issue RFP Step 1 Solicitation) Apr 2018 (Proposals Due)	MS GPA-034-18
4	DSM Marketing	Negotiated additional scope for current year to support new vendors and programs and continue DSM marketing.	Continuous	
5	DSM Rebate Program	Processed rebates totaling ~ $103 K for Month of April	Continuous	
6	Wireless Network Expansion	Commenced Southern Expansion in collaboration with GWA: 30% Assessment of GWA Well Locations: Completed Assessment of Existing Tropos Units: 100% Router Equiqment and Accessories purchase	Dec-18 Completed Completed Arrival - May 2nd	GPA-019-18
7	Performance Metrics Automation Project	Presentation to GM on iDashboard pending.	TBD	
8	Electric Grid Analysis Software	Additional training for users Training on Planning and Analysis Cases	Completed Jun-18	GPA-064-16
9	Supervisory Control and Data Acquisition (SCADA) System	Change Order Approved for October 2018 Completion and hardware costs Equipment on Order Factory Acceptance Test	Oct 2018 (SCADA COD) June 2018 (Factory Acceptance Test)	GPA-066-16
10	Mobile Workforce Management System	Bid Evaluation Completed, Clevest recommendation memo submitted for approval March 21, 2018	May 2018 (Bid Award)	GPA-023-17

Project Activities

No.	Project Description	April 2018 Activities	Status / Est. Completion	RFP/Bid No
11	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	RFP evaluation completed for sole bidder. Bidder did not qualifiy. Committee recommendation to rebid. Sole-bidder Acknowledgement. Scope is being reassessed for resolicitation.	April 30, 2018 (Rebid)	RFP-17-005
12	TEMES Piti # 7 ECA Expiration & Transition to GPA	Transition completed. Environmental Assessment Report & Condition Assessment Report completed. Reports will be provided to Executive Management and Key Managers.	[Completed] [Completed] [On-going]	RFP-17-002
13	MEC Piti &8 and #9 - ECA Expiration	Environmental Assessment Report completed. Condition Assessment past due from Consultant.	[Completed] OVERDUE	RFP-17-002
14	Planning Software Administration/Maintenance	Call-off Consulting for DB Clean-up, CE + PO Plan Integration Configuration for ESS Call-off Consulting for additional work (New Power Plant Bid, etc.)	Start Date: Oct 2017 Completion Date: Sept 2019 *will continue thru next FY	
15	Generation Software (GADS open software)	Pending data entry from Generation & SPORD.	[On-going work]	
16	IFB for ULSD Supply for Baseloads and Peaking Units	Solicitation in progress. Bid package revised to include delivery requirements.	Start Date: Nov 2017 Est. completion: FY2018	IFB GPA-008-18
17	Contract for Lease of Bulk ULSD Storage	196KB tank repairs completed	27-Feb-18	TTGI-SA-2018-001
18	EV Infrastructure	Developing fast charge station scope for Mangilao offices.	Dec 2018	
19	Consulting Support, new procurements for Piti 7,8,9	Piti 7 - Management Contract (under Generation) awarded. No IPP bid. Piti 8&9 - Bid documents in progress, awaiting decision on Extension of ECA. If extended - will revise bid scope accordingly; if extension disapproved, will proceed with filing for approval of Bid.	[Commenced] Bid documents completion: June 2018 Bid Process Start Date: 3rd quarter of 2018 if Extension Not Approved	
20	Fuel Conversion Plan	Discussions on-going; additional budget needed. New Scope: Additional Support as Owner's Engineer	[On-going work, 6/2018 deadline] [thru FY 19 and 20, if approved]	
21	Fuel Bulk Storage Facility Assessment	ESA past due, pending approval from GPA CA past due, pending from Leidos	Start: Sept 2017 End: June 2018	

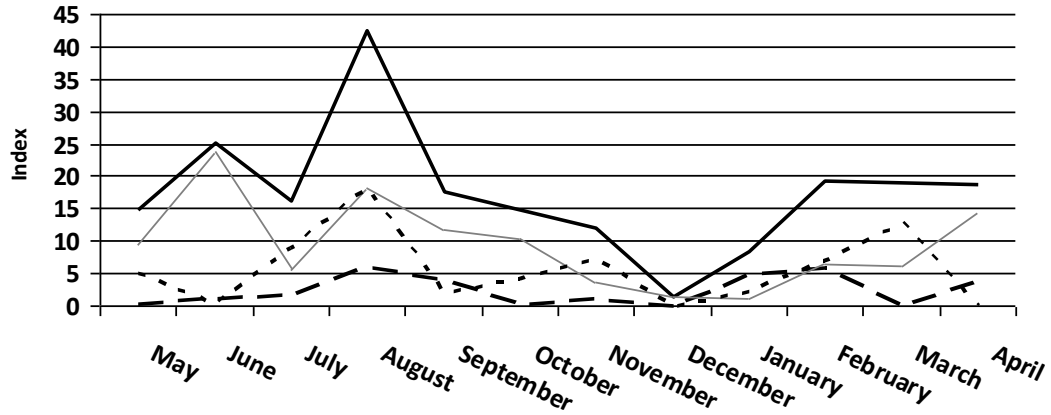
Project Activities

No.	Project Description	April 2018 Activities	Status / Est. Completion	RFP/Bid No
22	Renewable Energy Resource Phase III	Completed pre-bid conference and site visits January 23-24 2018.	(June 2018) Tech Proposal Due	
23	Utility Energy Services Contract (UESC)	Completed DSM Model House (DSM / Energy Efficient Equipment). Working on procedures to download and monitor office use. Obtained PUC approval for BEST GDOE program for energy efficiency. Coordinating meetings for week of May 21st to meet new Navy energy managers, kick off BEST GDOE assessment scope, followup with UOG on programs, meet with other commercial customers (GCC, Docomo, Ken Corp), and finalize financing structure.	Ongoing / Continuous	
24	IFB for RFO Supply to Baseload Plants	Solicitation in progress	Start: November 2017 Est. Completion: FY2018 Contract Start: Sep 1, 2018	IFB GPA-009-18
25	IFB for Petroleum Inspection Services	Re-Solicitation in progress	Start: November 2017 Est. Completion: FY2018 Contract Start: Jun 01, 2018	IFB GPA-014-18
26	RFO Storage Lease Agreement w/ Tristar	4-Year Lease extension Approved by CCU. Disapproved by PUC - requested for clarification on Index referenced. (Docket 18-10)	Start: November 2017 Est. Completion: May 2018 Contract Start: Aug 1, 2018	TTGI-SA-2013-001
27	GPA Fuel Farm RFO Pipeline Repair & Upgrade	c/o Engineering Project Mgt	Solicitation in progress (for award) Est. Completion: FY2019 (1st Qtr)	IFB GPA-047-18
28	GPA Fuel Farm ULSD Pipeline Upgrade	c/o Engineering Project Mgt	Estimated Start: Oct 2019 Est. Completion: Sep 2019	For IFB Solicitation
29	Tk 1934 & Tk1935 API 653 Internal Inspection	c/o Engineering Project Mgt	Estimated Start: Jun 2018 Est. Completion: FY2019	For IFB Solicitation
30	Milsoft Systems Software Services	Award Recommendation memo (Milsoft - Vendor) for approval submitted 3/28/2018 Price Proposal Review 4/19/2018	Continuous	GPA-RFP-18-003

Project Activities

No.	Project Description	April 2018 Activities	Status / Est. Completion	RFP/Bid No
31	MV90 Integration Services	Award Recommendation memo (Itron - Vendor) for approval submitted 3/30/2018	Dec-18	GPA-RFP-18-001
32	SCADA Workstations and Monitors	Award Recommendation memo for approval submitted 3/27/2018	June 2018 (Delivery)	GPA-049-18
33	Grant Proposal Development and Proposal Application Management Services	Solicitation process complete. Contract signed Feb. 20, 2018. Project activities commences following month	Feb 2018 (Contract signed)	Re-Solicitation GPA-RFP-16-011
34	Pipeline Lease Agreement w/ Tristar	4-Year Lease extension Approved by CCU. Disapproved by PUC - requested for clarification on Index referenced. (Docket 18-10)	Start: November 2017 Est. Completion: May 2018 Contract Start: Aug 1, 2018	TTGI-PA-2013-001
35	Dock Use Agreement w/ Tristar	4-Year Lease extension Approved by CCU. Approved by PUC on March 29, 2018. (Docket 18-10)	Start: November 2017 Est. Completion: Mar 2018 Contract Start: Aug 1, 2018	TTGI-DA-2013-001
36	Redesignation of Cabras-Piti / Guam	Re-designation received 12/2018. TRC standing by to assist GPA w/ State Implementation Plan, pending P&R review of Task Order. AAQM Installation/Implementation on hold, will depend on USEPA approval of SIP after submission on/before July 2019	Start: October 2011 Est. Completion: July 2019 *Submitted to EPA by completion date	RFP-11-001
37	Environmental Strategic Planning	Commenced discussions for update of 2012/2013 ESP.	Start: April 2018 Est. Completion: December 2018	RFP-11-001
38	GPA Fuel Farm- OWS Upgrading	c/o Engineering Project Mgt	Estimated Start: Jun 2018 Est. Completion: FY2019	For IFB Solicitation
39	GPA Fuel Farm- LD System Upgrading	c/o Engineering Project Mgt	Estimated Start: Jun 2018 Est. Completion: FY2019	For IFB Solicitation

(Item 1.1,1.2,1.5) April 2018 SAIDI = 209.47 ↓ (239.30)



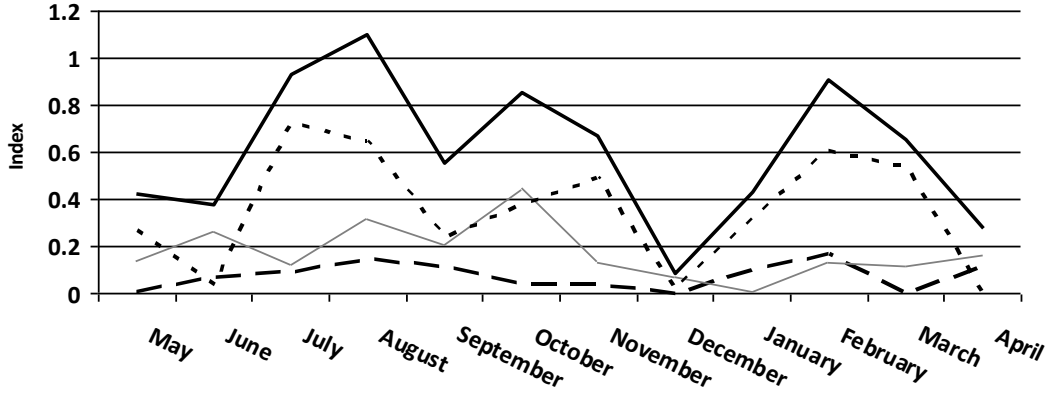
ALL

GEN=67.73 ↓ (87.72)

TRANS=29.04 ↓ (31.74)

DIST=112.69 ↓ (119.83)

(Item 1.1,1.2,1.5) April 2018 SAIFI = 7.26 ↓ (8.03)



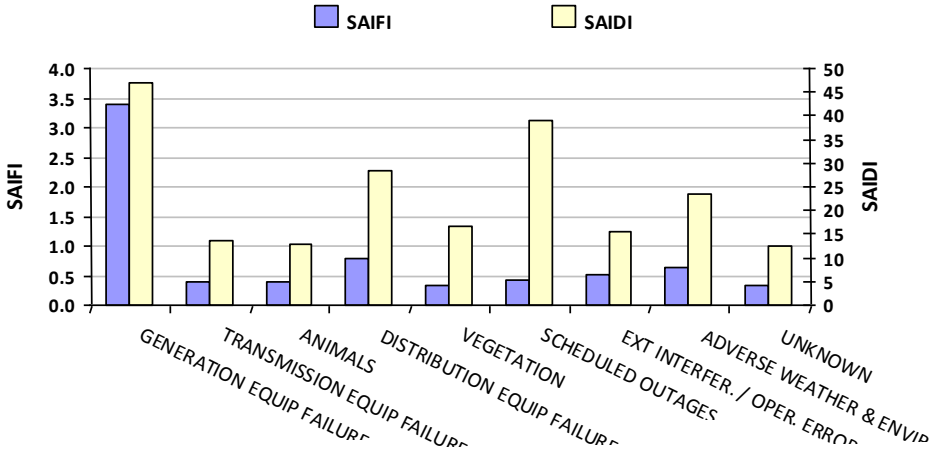
ALL

GEN=4.25 ↓ (4.98)

TRANS=0.89 ↓ (0.90)

DIST=2.11 ↓ (2.16)

(Item 1.9) 12-Month Cause Contributions to Reliability



GENERATION EQUIP FAILURE
F:45.1% D:22.4%

TRANSMISSION EQUIP FAILURE
F:7.0% D:6.6%

ANIMALS
F:6.3% D:6.1%

DISTRIBUTION EQUIP FAILURE
F:9.7% D:13.7%

VEGETATION
F:4.1% D:8.0%

SCHEDULED OUTAGES
F:9.9% D:18.6%

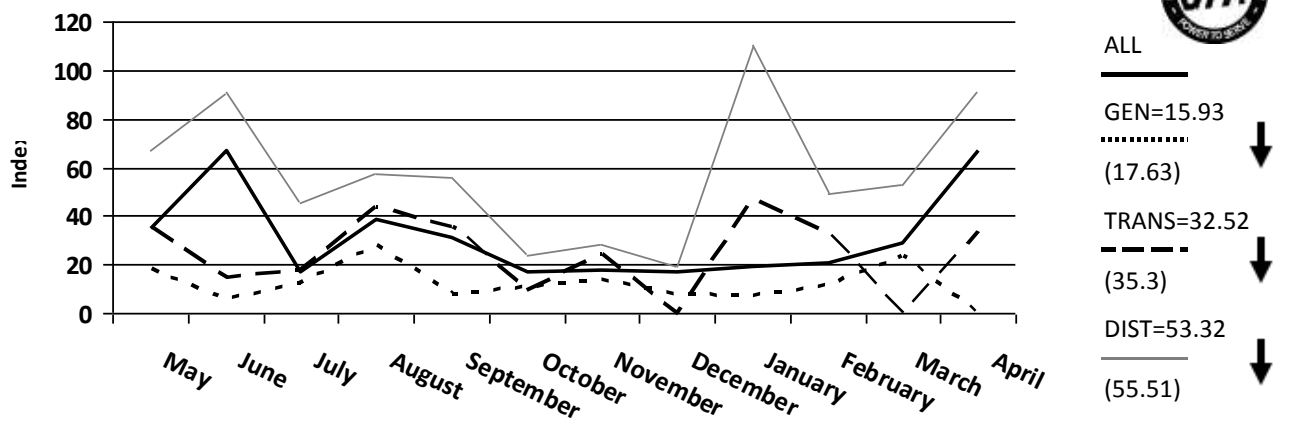
EXT INTERFER. / OPER. ERROR
F:6.5% D:7.4%

ADVERSE WEATHER & ENVIR.
F:6.8% D:11.2%

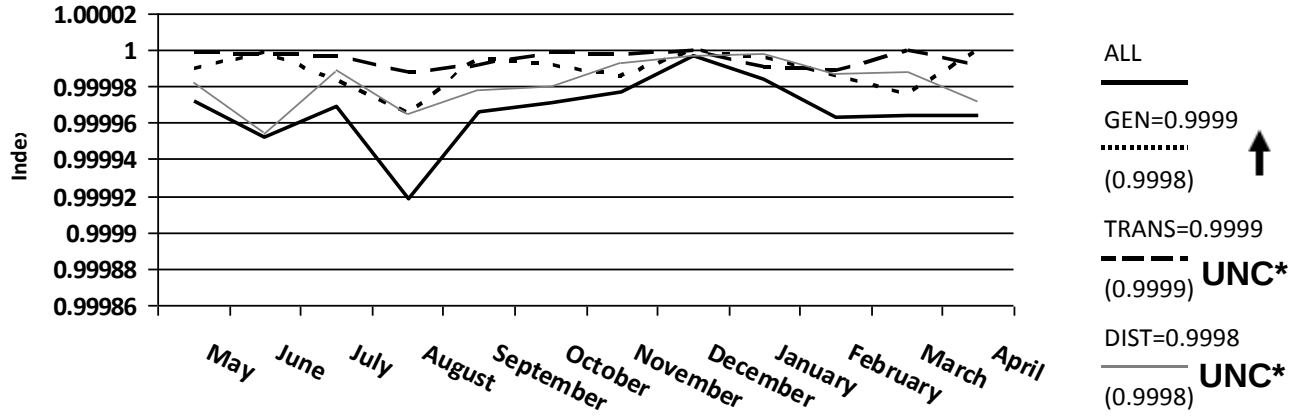
UNKNOWN
F:4.5% D:6.0%

As of April 30, 2018

(Item 1.1,1.2,1.5) April 2018 CAIDI = 28.86 ↓ (29.79)



(Item 1.1,1.2,1.5) April 2018 ASAI = 0.9996 ↑ (0.9995)



(Item 1.4) Top 5 Worst Feeders Distribution Causes

#	Feeder	Outage Count
1	P340	10
2	P261	7
3	P221	7
4	P046	5
5	P250	4

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Overhead Equipment	32
2	Vegetation	14
3	Underground Equipment	11
4	Snakes	7
5	Customer Equipment Failures	5

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
444	230	214

(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
64.06	4.12	15.53

UNC* - Unchanged

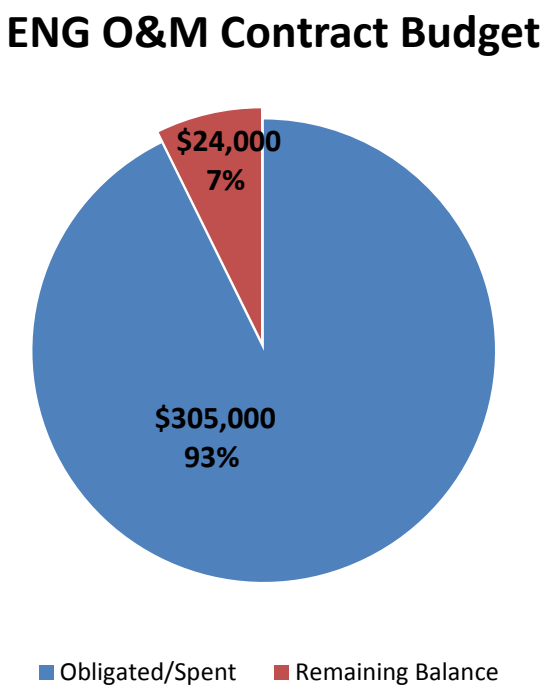
As of April 30, 2018

ENG Budget Execution Performance

April 30, 2018

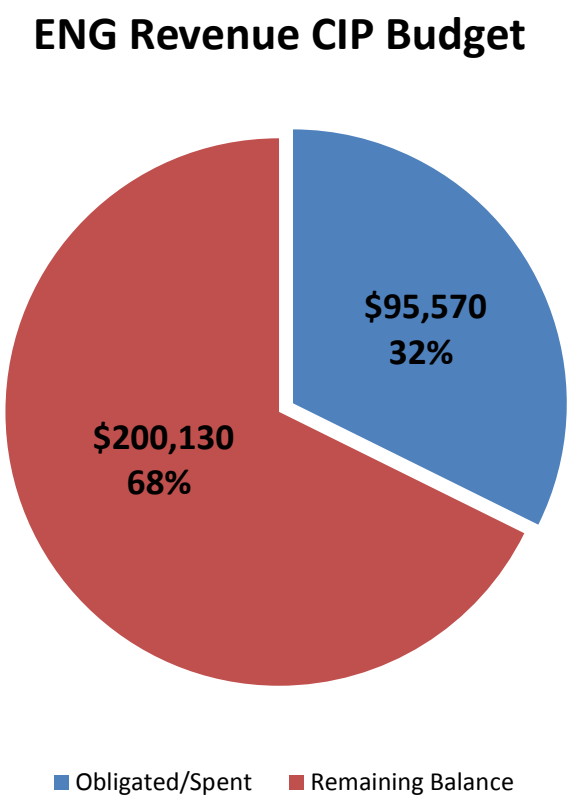
ENG Revenue CIP Budget

- Revenue Funded
- Target
  - 50% CIP Obligation by June 1, 2018
  - 100% CIP Spend by September 30, 2018



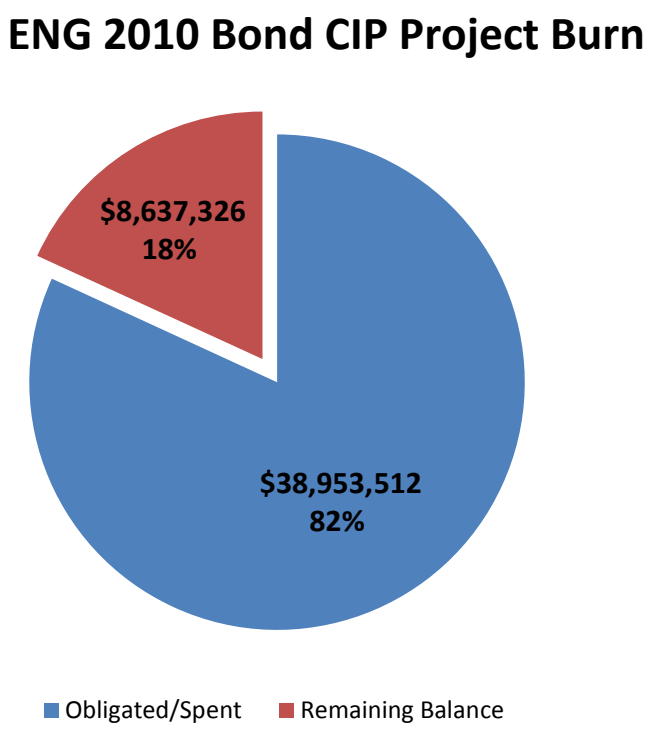
ENG O&M Contract Budget

- Revenue Funded
- Target
  - 25% CIP Obligated by April 30, 2018
  - 75% CIP Obligation by August 30, 2018
  - 100% CIP Spend by September 30, 2018



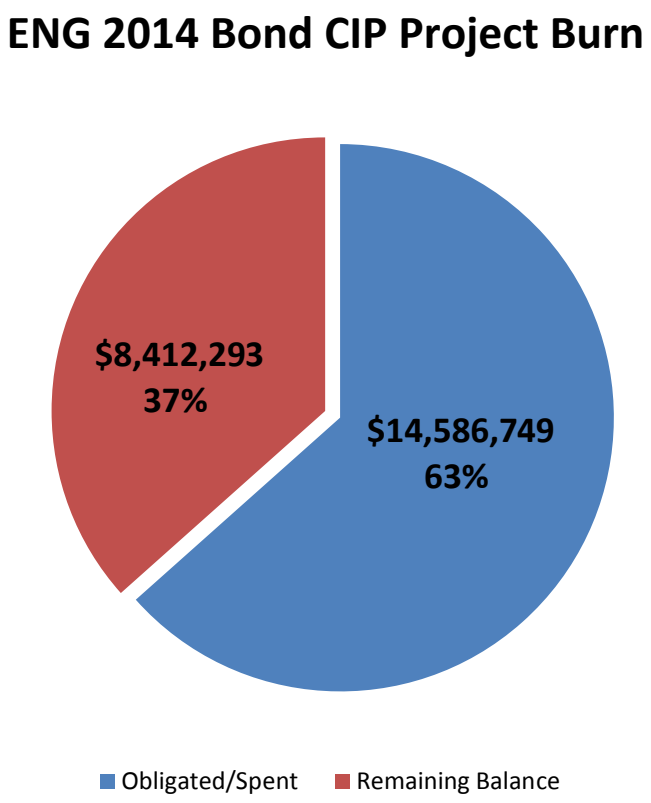
ENG 2010 Bond Series CIP Budget

- Bond Funded
- Target
  - Pending



ENG 2014 Bond Series CIP Budget

- Bond Funded
- Target
  - Pending



Engineering Work Orders

Engineeirng Work Order Summary -April 2018	
Work Orders Received from Customer Services	197
Work Orders Processed & Released to T&D	136
Work Orders Processed & Released to CSR	201
Work Orders Canceled	5
Work Orders Pending Survey	17
Pending Work Orders at Engineering	657

Engineering Large Customer and Net Metering Tracking

Date Received	Customer Name	Work Order Number(s)	Location	KVA	Meter Qty	Status
05/07/14	Port Authority of Guam	412337	Piti			Upgrades of existing facilities, includes line relocations and service conversions from overhead to underground 75% completed. Currently on hold pending Port Authorty direction for final removal.
12/20/13	CoreTech International	Multiple	Dededo	250	50	Lada Estates, 450 kVA, Phase I 100% Completed 242 units energized, Phase II 300 kVA, applications received for 93 units, Phase II 100% Completed. Phase III on hold due to Labor and Permit issues.
01/27/15	TG Engineers PC	422182-85, 90-93, 96-98	Agana Heights	100	11	11 Unit Apartment, 100 kVA, 98% Completed. Work currently on hold.
06/02/15	Docomo Pacific Inc.	Multiple	Various Locations Islandwide	50		New Comm Towers and Power Supplies, 10 sites, 9 completed
05/13/15	CoreTech International Towers	426021	Tamuning	3300	104	New condominiums, 2-1500kVA and 1 300 kVA, Tower 101 100% Completed, Tower 102, 103, and 104 are 45% completed, currently on hold. Temporary power pending for Community Center, 100% Completed. First 52 Service Orders for Tower 101 is 100% completed.
05/11/16	Korando Corp (DPW Bile Pigua Bridge)	437716	Merizo			Bile and Pigua Bridge Reconstruction - 75 % Completed, Route 25/26 Road Widening, construction work has restarted.
12/09/16	Maeda Pacific	443952	Harmon			Route 1 and Route 3 road improvements - 100% completed, involves new underground 34.5kV and 13.8kV lines and the removal of overhead ples and lines. Pulling of wires intiated 10/9/17. Final Termination and testing Completed. Energizing of new underground 13.8kV and 34.5 kV lines completed. Pending return of materials and completion of minor punchlist items..
Pending	New Nikko Expansion	Pending	Tumon	1500	1	New Nikko Expansion, pending submittal of work order application. Redesign of primary feed ongoing. New primary underground is scheduled to start work in May 2018.
03/10/17	Best Housing Corp Ltd	446924-30	Mangilao	60	6	New 6-Unit Townhome, 77% completed
06/01/17	GWA Pump Stations 2 and 3	450278-9	Santa Rita	150	2	New GWA Pump Stations. 25% Completed.
07/17/17	Keystone Pacific Realty Corp	451488	Hagatna	100	10	New apartment. 92% Completed. Pending additional applications.
08/07/17	Matsumoto, Akiyoshi	452146-49, 51, 4, 6	Tumon	60	7	New 6 Unit Apartment with Common Meter. 15% Completed.
08/17/17	Micronesian Community Corp.	Pending	Mangilao	130	13	New 13 unit subdivison, 10% completed
10/02/17	Sumitomo Mitsui (Baza Gardens Waste water)	453369	Yona	300	1	Baza ardens Wastewater Treatment Plant Improvements, 0% Completed
01/25/18	Precision Systems Inc.	456547, 60	Tamuning			Primary Underground Conversion. Removal of three spans of overhead primary and 1 ea. power pole. 100% completed and Released to T&D.
03/01/18	Docomo Pacific Inc., New Data Center	Pending Application	Talafofo	3000	1	New Data Center. Planned to come off P-260 and P-262. 0% Completed. Still in Desgn Phase.
03/01/18	KUAM	Pending	Chalan Pago			GPI to reroute poles to existing easement. Requires the ground clearing of an existing easement.
04/30/18	Rex International	459698	Sinajana	225	1	New Central Police Precinct. 0% Completed.
04/30/18	Black Construction (Route 3 Road Improvements)	Pending Application	Dededo			Route 3 Road Improvements. Involves the relocation of upto 54 ea. 45' concrete poles. 5% Completed.
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		17	Pending Net Metering Customers as of April 30, 2018.
			Total	9225	224	

GPA INFORMATION TECHNOLOGY
APRIL 2018

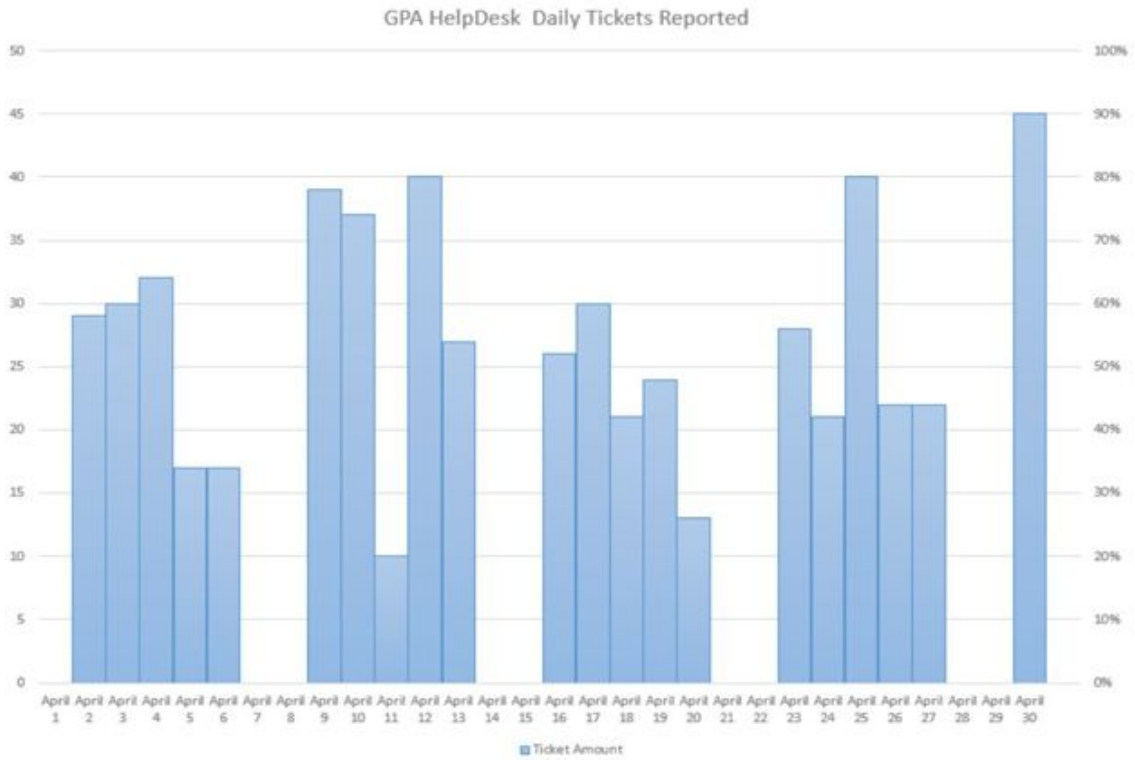
SUMMARY:

The Information Technology Department continues to improve services, monitoring processes and system infrastructure utilization as guided by Cyber-Security initiatives and regulatory compliance. We strive and continue to improve all areas. Computer Services continues to seek new technology with networking, system access and utilization. We also strive to meet target levels of uptime, to include the IBM i-Series AS400, Virtual Machine environment, (VMware V-Sphere), (Blade Servers and Disk Array Storage), and Physical Servers, (non-Virtual Machines).

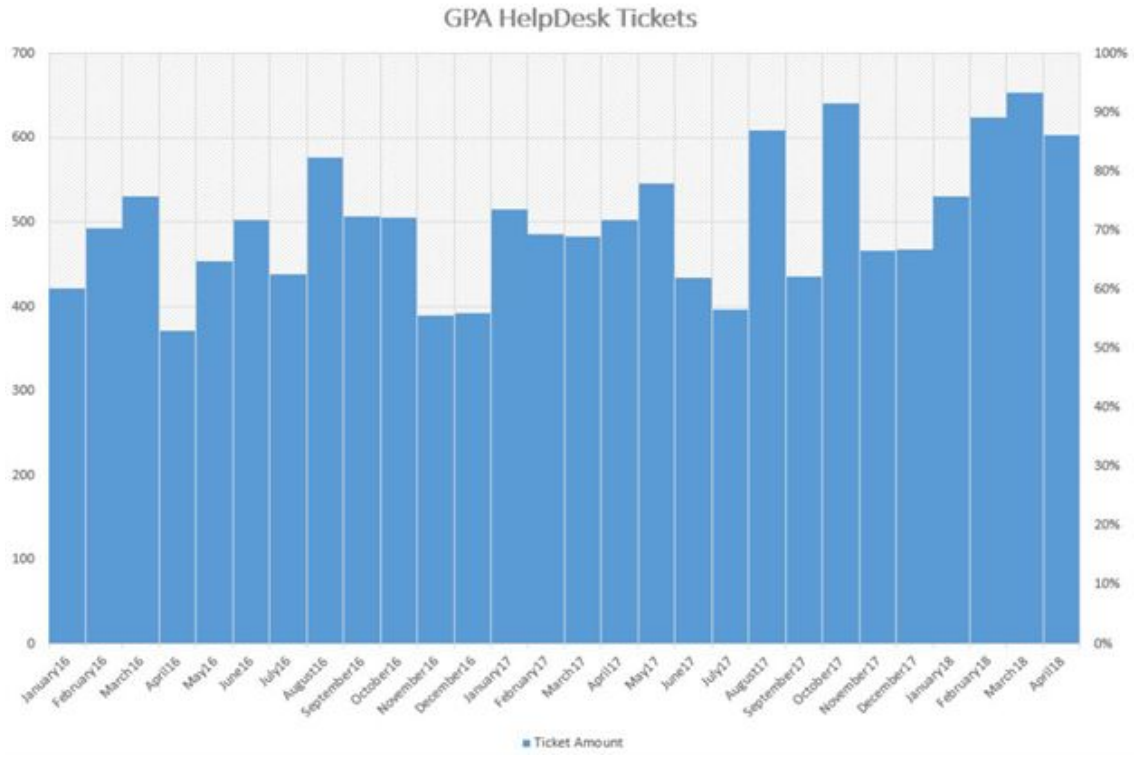
INCIDENT CALL SUMMARY:

The significance to record and utilize the Helpdesk Incident Handling Tool (ChangeGear) is to manage, track and measure workloads and assignments of customer reported IT incidents. The tracking of incidents is paramount. Measurements will be used for IT Customer Feedback survey in the future.

APRIL 2018 TICKETS



22 MONTH COMPARATIVE

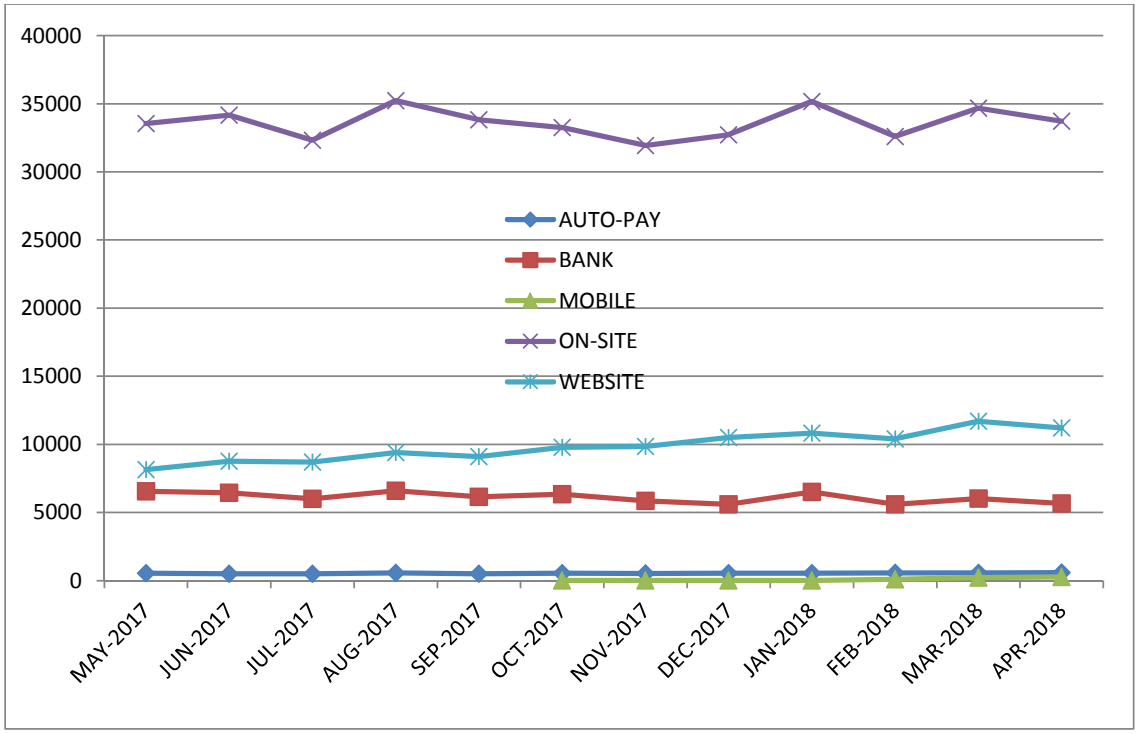


For March 2018, Computer Services responded to 644 help desk calls from GPA internal and external customers. Breakdown as follows:

CLOSED TICKETS			
Low	**Medium**	**High**	**Critical**
250	174	168	3
TICKET TYPES			
End User	**Hardware**	**Software**	**Network**
480	24	52	39
OPEN TICKETS			
Low	**Medium**	**High**	**Critical**
5	15	28	1
TICKET TYPES			
End User	**Hardware**	**Software**	**Network**
29	8	12	0

CC&B PAYMENT SUMMARY TRANSACTIONS:

Payment Transactions by On Site/Website/Auto-Pay/BANK/Mobile



Payment Transactions by Count:

Sum of COUNT	Column Labels				
Row Labels	**AUTO-PAY**	**BANK**	**MOBILE**	**ON-SITE**	**WEBSITE**
MAY-2017	539	6548		33557	8144
JUN-2017	497	6446		34164	8758
JUL-2017	497	6008		32309	8703
AUG-2017	560	6603		35216	9401
SEP-2017	509	6158		33826	9110
OCT-2017	537	6333	5	33255	9790
NOV-2017	535	5846	5	31935	9838
DEC-2017	547	5606	8	32715	10505
JAN-2018	554	6522	6	35169	10817
FEB-2018	559	5606	94	32591	10400
MAR-2018	560	6026	217	34665	11704
APR-2018	584	5655	276	33714	11203
Grand Total	**6478**	**73357**	**611**	**403116**	**118373**

MAJOR APPLICATION ISSUES FOR APRIL 2018

Item #	Supported Applications	System Issues Reported Affecting System Availability								
		None	Partial System Outages				Total System Outages			
			Occurrences		Duration		Occurrences		Duration	
			Month	12-Month Rolling	Month	12-Month Rolling	Month	12-Month Rolling	Month	12-Month Rolling
1	ORACLE CUSTOMER CARE & BILLING	X	-	-	-	-	-	-	-	-
2	LANDIS & GYR AMI SYSTEM (SMART METERS, GRIDSTREAM, ABB/TROPOS, AMI COLLECTORS)	X	-	-	-	-	-	-	-	-
3	ORACLE JDE	X	-	-	-	-	-	-	-	-
4	METER DATA MANAGEMENT SYSTEM (MDMS)	X	-	-	-	-	-	-	-	-
5	SHORETEL VOIP PHONE SYSTEM	X	-	-	-	-	-	-	-	-
6	EMAIL EXCHANGE SERVER	X	-	-	-	-	-	-	-	-
7	ONLINE PAYMENT SYSTEM (PAYGPA.COM)	X	-	-	-	-	-	-	-	-
8	GEOGRAPHIC INFORMATION SYSTEM (GIS)	X	-	-	-	-	-	-	-	-
9	MILSOFT OUTAGE MANAGEMENT SYSTEM (OMS)	X	-	-	-	-	-	-	-	-
10	ADVANCED GRID ANALYTICS (AGA)	X	-	-	-	-	-	-	-	-
11	ORACLE BUSINESS INTELLIGENCE REPORTING	X	-	-	-	-	-	-	-	-
12	MOBILE APP PAYMENT PROGRAM	X	-	-	-	-	-	-	-	-
	Totals	**12**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

ONGOING PROJECT UPDATES:

Network Penetration Testing and Vulnerability Assessment: Project to provide network testing and vulnerability assessment to benchmark GPA and GWA's network and host systems. This will also include IT Controls Systems testing and Business Impact Analysis for GPA and GWA critical IT systems. Work in currently ongoing and expected completion by April 2018.

SMS Emergency Outage Notification: Project to provide SMS text alerts for Emergency Outages notification for customers and emergency response agencies. Awaiting next steps from operations. In testing process at the moment with PSCC.

Pay by Phone Project: Working with vendor for Pay by Phone system to allow customers to call after hours and make automated payments to their GPA account. Changes to the call script and ongoing testing.

Customer Care & Billing (CC&B) Upgrade: Upgrade of the current Oracle CC&B program from version 2.4 to version 2.6. The current version of CC&B 2.4 will be end of life by Sept. 30, 2017 and support thereafter will be limited. Expected completion by September 2018.

Disaster Recovery- Cloud Solution: Project to turn up a backup site on the Oracle Cloud for GPWA's CC&B Application. The Oracle Cloud service has been provisioned and backup replication is online. Final testing of the Oracle Cloud backup is ongoing.

Disaster Recovery Site: Project to procure a Disaster Recovery (DR) site to provide redundancy for critical GPA applications and databases in case of disruption of the primary Fadian Data Center. Incorporating GWA requirements into proposal.

Physical Security: Project to provide additional surveillance monitoring for Fadian, T&D, Dededo CT and Transportation Warehouse. RFP has closed and bid evaluations in progress.

GPWA Website Upgrades: Project to revamp GPA and GWA websites for the following, GUAMPOWERAUTHORITY.COM, PAYGPA.COM, GUAMWETERWORKS.ORG and PAYGWA.COM. RFP has been released and will close on April 26, 2018. Expected to be completed in 160 days.

Oracle CHAT-BOT: Project to provide Oracle Chat Bot services to GPA's PAYGPA.COM, Mobile APP and Facebook Program. This will allow customers to utilize a CHAT program to make inquiries to frequently asked questions and inquiries on their account.

Landis & Gyr Command Center upgrade from ver. 6.5 to 7.2: Project to upgrade GPA AMI Smart Meter Program to the latest version of 7.2. This will allow new functionality for the Command Center and Smart Meter Integration.

Submitted by:
Melvyn Kwek
Chief Information Technology Officer

Guam GPA & GWA EMS/SCADA System

SIEMENS

GUAM POWER AUTHORITY
Bringing Energy Solutions to You

GUAM WATERWORKS AUTHORITY

Monthly Project Report

April 2018

Grow together and WIN

Unrestricted

Project Progression Summary

Factory Acceptance Test

This month was focused on addressing logistics for the upcoming Factory Acceptance Test in Taiwan scheduled for June 6th rd through June 10th . The requirement to transport the FAT Attendees on different flights due to liability concerns were accomplished to include ground transport, hotel venue and daily meals.

Project Schedule

Project schedule is being revised and will be submitted in next update.

GPWA SCADA EMS Project Bid No. GPA 066-16

Project Director: Charles Wu
Project Manager: Jonathan Chargualaf
Contract Administrator: Monito Co

Overall Status	G

Burn Rate	This Month	Last Month	Incremental
Scope (%)			
Budget (%)	13.2%		
Milestones Achieved	1, 3-7 of 18		

Resources

1. Benson/Siemens
2. GPWA

Risks & Issues	Schedule	Scope	Financial
G	G	G	G

Updates & Accomplishments -- Month of March 2018	Resource	Upcoming Tasks / Open Items	TCD/ECD
1. 4/3/18 – GPWA submits Piti REV 1, Cold Storage REV 1, Dededo REV 1, Orote REV 1, San Vitores REV 1, RF REV 1 , Automatic Fuel Switching REV 1 , MET REV 1 , and Harmon REV 1 Analogs and Status 2. 4/6/18 -- FAT attendee List Finalized 3. 4/11/18 – Benson submits Revised System Architecture that depicts the Brocade switch in the architecture. 4. 4/13/18 – Benson submits Factory Acceptance Test (FAT) Agenda and Procedures for review/approval 5. 4/25/18 – GPWA submits IP Scheme for SCADA network 6. 4/25/18 – GPWA submits Dell deployment survey 7. 4/30/18 – Last SCADA equipment for FAT arrives in Taiwan	1. Siemens 2. Benson/Siemens 3. Benson/Siemens	Factory Acceptance Test at Taiwan Non-Disclosure agreement submissions for all Benson/Siemens personnel accessing the system SCADA Disaster Recovery Requirements	6/10/18 6/11/18 6/11/18

Risks and Issues	DATE IDENTIFIED	Resolution	RESOLUTION DEADLINE

Legend:

G No corrective action required

Y Near-term corrective action required

R Requires immediate attention

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

NET METERING
April 2018

	Quantity	Connected kVA
Completed	1,658	17,218
Pending	17	129
Grand Total	1,675	17,348

Rate Class and Technology

Technology	Schedule	Count	Total kW
Solar Energy	R - Residential	1,571	14,241.68
	J - Gen Service Dmd	32	1,646.51
	K - Small Gov Dmd	9	317.80
	L - Large Government	1	22.80
	P - Large Power	3	240.70
	G - Gen Serv Non-Dmd	33	666.47
	S - Sm Gov Non-Dmd	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		**1,658**	**17,218.36**

Projected FY 2018 Non-Fuel Revenue Loss

Customer Rate Class	Renewable Energy Capacity (kW)	Annual kWh Generated (@5.092 hours/day)*	Average Non-Fuel Yield $/kWh	Estimated Annual Revenue Loss
R	13,712.42	25,483,961.2	0.09293	$ 2,368,250.00
J	1,646.51	3,059,970.2	0.13112	$ 401,226.36
K	317.80	590,618.1	0.13932	$ 82,286.09
L	22.80	42,372.9	0.13525	$ 5,730.84
P	240.70	447,330.9	0.11539	$ 51,617.07
G	636.47	1,182,853.0	0.15084	$ 178,416.81
S	78.80	146,446.5	0.15334	$ 22,456.26
Grand Total	**16,655.50**	**30,953,552.8**		**$ 3,109,983.42**

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

Estimated Annual Revenue Loss

Description	Estimated kWh	*Total Estimated Cost
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
April 2018

Customer Count and Connected kW by Feeder

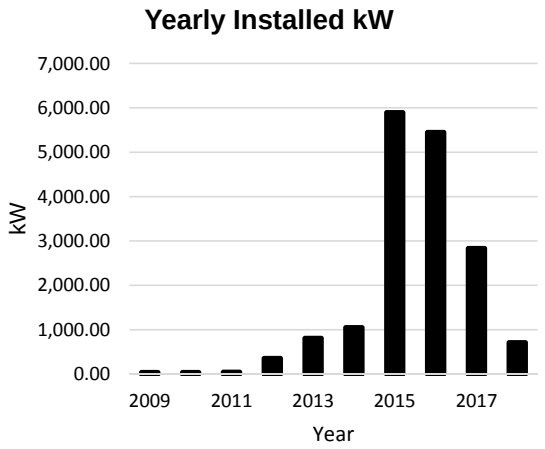
Status	Feeder	Net Metering Connected kW	Customer Count	% of Feeder Maximum kW	% of Feeder Minimum Daytime kW
Completed	P-005	246.87	23	14.3%	28.7%
	P-046	257.06	31	6.1%	9.3%
	P-088	611.95	68	10.2%	16.1%
	P-089	495.02	62	11.1%	26.6%
	P-111	90.00	2	1.7%	2.9%
	P-203	401.36	31	5.4%	15.2%
	P-204	120.58	15	2.6%	5.3%
	P-205	36.40	4	0.8%	1.3%
	P-210	486.79	50	9.5%	12.9%
	P-212	862.05	82	20.8%	53.9%
	P-213	295.33	11	11.3%	15.2%
	P-220	167.64	18	27.5%	86.4%
	P-221	501.28	53	11.4%	22.7%
	P-223	498.95	54	21.0%	29.9%
	P-240	58.55	2	0.9%	7.9%
	P-245	25.00	1	0.5%	1.1%
	P-250	947.29	94	14.6%	25.6%
	P-251	145.50	7	5.9%	9.0%
	P-253	466.61	50	10.4%	16.4%
	P-262	979.81	100	25.7%	61.7%
	P-270	313.67	26	6.2%	12.4%
	P-271	122.78	12	2.1%	4.4%
	P-272	228.03	17	8.9%	20.2%
	P-280	311.59	25	17.3%	32.2%
	P-281	189.70	4	6.8%	18.9%
	P-282	21.00	2	0.6%	1.7%
	P-283	536.80	50	14.8%	25.4%
	P-294	1,006.09	97	23.2%	46.0%
	P-301	199.26	22	14.1%	25.1%
	P-311	649.83	48	16.3%	27.9%
	P-322	823.99	89	10.9%	21.6%
	P-323	274.41	17	5.8%	18.0%
	P-330	550.37	69	10.1%	20.3%
	P-331	704.08	81	11.2%	18.1%
	P-332	384.46	46	6.8%	10.0%
	P-340	497.37	43	27.4%	60.4%
	P-087	1,052.00	114	26.8%	42.0%
	P-252	447.19	27	10.6%	21.6%
	P-321	275.66	26	4.9%	5.5%
	P-260	70.96	7	10.3%	35.5%
	P-067	73.11	10	0.9%	1.1%
	P-312	68.90	4	4.1%	4.8%
	P-206	18.33	2	1.9%	3.4%
	P-242	23.75	2	0.4%	1.1%
	P-310	181.57	8	6.6%	12.1%
	P-261	355.07	38	12.8%	22.0%
	P-201	45.00	6	1.3%	2.3%
	P-007	55.08	5	7.6%	16.2%
	P-244	18.00	1	1.0%	1.0%
	P-202	22.00	1	0.7%	1.6%
	P-341	4.30	1	0.4%	1.6%
Completed Total		**17,218.36**	**1,658**		
Pending	Pending	129.41	17	0.0%	0.0%
Pending Total		**129.41**	**17**	**0.0%**	**0.0%**
Grand Total		**17,347.77**	**1,675**		

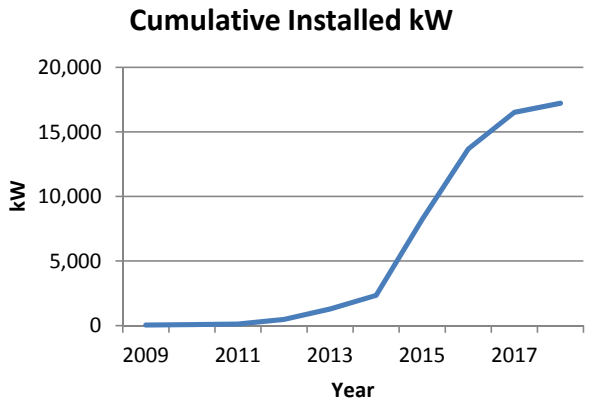
	Feeders highlighted in red indicates renewable energy capacity has exceeded 25% of minimum daytime load.
	Feeders highlighted in yellow indicates renewable energy capacity has reached 15% to 24% of minimum daytime load.

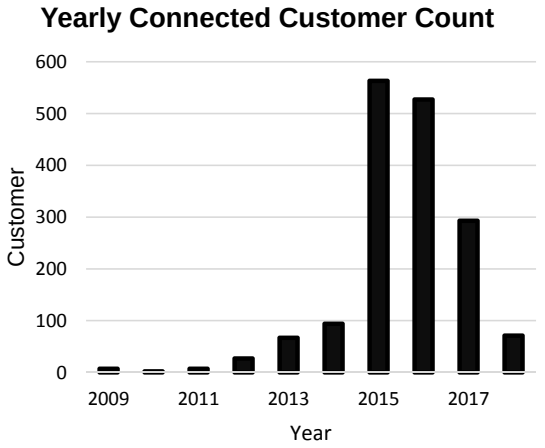
NET METERING
APRIL 2018

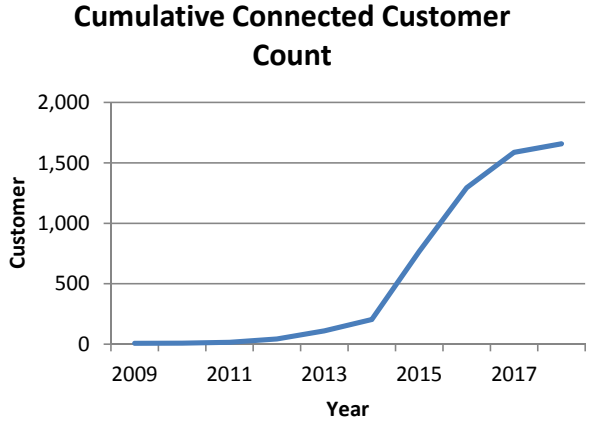
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	43.61	122.27
2012	354.61	476.88
2013	808.45	1,285.33
2014	1,050.04	2,335.37
2015	5,891.90	8,227.27
2016	5,447.60	13,674.86
2017	2,833.25	16,508.11
2018	710.25	17,218.36
Grand Total	17,218.36	

Customer Count by Year		
Year	Total	Cumulative
2009	7	7
2010	2	9
2011	7	16
2012	27	43
2013	67	110
2014	94	204
2015	563	767
2016	527	1,294
2017	293	1,587
2018	71	1,658
Grand Total	1,658	







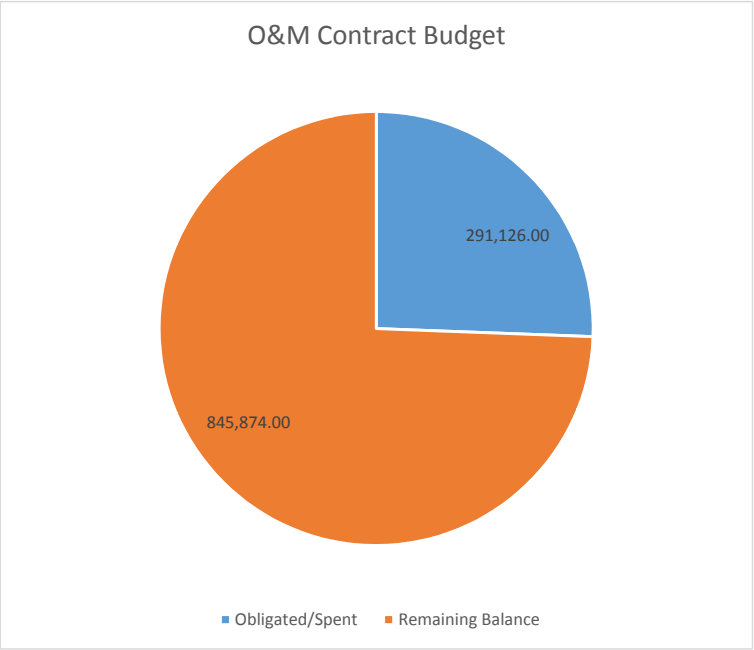


Planning & Regulatory CCU Report

April 30, 2018

Planning & Regulatory O&M Contract Budget

- Revenue Funded
- Target
  - 7.41% O&M Obligated by November 16, 2017
  - 19.28 O&M Obligated as of Nov. 30, 2017 (actual)
  - 19.36 O&M Obligated as of Dec. 31, 2017 (actual)
  - 25.60 O&M Obligated as of Apr. 30, 2018 (actual)
  - 30.09% O&M Obligation by May 31, 2018



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 APRIL, 2018

LEGEND OF TRACKING

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

INSPECTOR: LORINA SABANGAN

LOCATION	WE 04/06/18 FINDINGS	WE 04/13/18 FINDINGS	WE 04/20/18 FINDINGS	WE 04/27/18 FINDINGS	RECOMMENDATION/ REMARKS	DATES			RESPONSE
						initial Findings	Due	Completed	
OWS next to Outfall (Cabras 3&4)	Corroded OWS	Corroded OWS	Corroded OWS	Corroded OWS	Repair was stopped. Draining and transfer of oil to WOF should be continuous.	12/11/2015			*OWS no longer in operation*
Neutralization tank/pit (Cabras 1&2				Oil sheen	Conduct cleanup	April 2018	ASAP		
Cabras 1&2 Basement	Water leak	Water leak	Water leak	Water leak	Continuous visual monitoring and clean-up	1/10/2014	Dec. 2018		*Major repair by end of 2018*
Pavillion	Stored metal and various debris	Stored metal and various debris	Stored metal and various debris	Stored metal and various debris	Per Francis Cruz on 2/7/8, Cabras 3&4 will send list to Procurement for bid disposal	2/8/2013	ASAP		
Refilling valve pit (Cabras 1, 2, 3, & 4)		Sign of oil leak on Cabras 3&4 refilling valve	Sign of oil leak on Cabras 3&4 refilling valve	Sign of oil leak on Cabras 3&4 refilling valve	Verify, repair valve	April 2018	ASAP		
Central Maintenance	Miscellaneous debris of drums	Miscellaneous debris of drums	Miscellaneous debris of drums	Miscellaneous debris of drums	Conduct cleanup	April 2018	ASAP		
PSCC Dispatch Front Yard	Stored metal debris	Stored metal debris	Stored metal debris	Stored metal debris	Conduct cleanup	2/2/2018	Until cooling water pump is repaired		

T&D SPCC Inspection Report

SUMMARY OF SPCC INSPECTION REPORT
MONTH OF APRIL, 2018

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*	Rainwater accumulation on used transformer oil tank area	Drain rainwater					April 2018
MACHECHE SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						
TALOFOFO SUBSTATION	*Secondary Containment*	NO CORRECTIVE ACTION						
TENJO SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						
YIGO SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						

Generation SPCC Inspection Report

SUMMARY OF SPCC INSPECTION REPORT
MONTH OF APRIL, 2018

LEGEND OF TRACKING

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

POWER PLANT

Location	Findings		Recommendation/Remarks	Status	Responsible	Completion Date	Due Date	Initial Findings Date
CABRAS UNITS 1 & 2	*Suply line 8" from tank farm*	No secondary containment	Provide secondary containment. Regular monitoring recommended				ASAP	November 2015
	Secondary Containment	Exposed/worn out insulation and corroded flanges on tank no.2	Repair	Repair ongoing			ASAP	July 2017
CABRAS UNITS 3 & 4	*FODST Nos. 3&4 Secondary Containment*	Metal and pipe debris in the area	Remove and clear area.	Cleared with John Kim and Joven. Debris is OK for removal. No longer needed for Insurance claim.				June 2016
	MOV	Broken wheel and corroded pipe	Repair/replace wheel and pipe				ASAP	March 2018
	Day Tank 3&4	Overgrown vegetation around tank seams on day tank 3&4	Remove vegetation				ASAP	February 2018
DEDEDO CT	*Tank Farm*	Rainwater on secondary containment	Drain water					April 2018
MACHECHE CT	Fuel Storage Tanks Area	Corrosion at tanks T-130/140 (paint applied over rust only)	Remove rust and repaint				ASAP	October 2015
		Corroded tank support T-130/140 (paint applied over rust only)	Remove rust and repaint				ASAP	October 2015
		Corroded gate valve on tank 110 & 120	Repair completed on T-110; undergoing repair on T-120				ASAP	April 2016
		Rust buildup on seam and tank belly	Remove rust and paint,				ASAP	November 2015
	Secondary Containment	Rainwater accumulation	Drain water				ASAP	April 2018
	Fuel Purifier	Fuel purifier leaking	Repair leak				ASAP	May 2017
		Fuel purifier is not free from oil spill	Conduct cleanup				ASAP	May 2017
YIGO CT	*Facility Area*	Fuel storage tank 140	Rust buildup on shell	Remove rust, re-paint				April 2018
		Secondary containment	Standing water	Drain water				April 2018

Generation SPCC Inspection Report (cont.)

Location	Findings		Recommendation/Remarks	Status	Responsible	Completion Date	Due Date	Initial Findings Date
MANENGGON DIESEL	*Tank No. 3*	Corroded tank shell	Chip and recoat				ASAP	April 2018
	Secondary Containment	Worn out sealant on the cracks on secondary containment	Replace sealant	Re-sealing is ongoing			ASAP	May 2017
		Algae accumulation in sec. containment	Conduct clean up				ASAP	November 2017
		Corroded fuel supply line	Chip corrosion and recoat				February 2018	December 2017
		Accumulated trash and debris in the parking area	Conduct cleanup				ASAP	March 2018
TALOFOFO DIESEL	*Facility Area*	Damaged window screen	Repair or replace				ASAP	December 2017
	Secondary Containment	Algae accumulation in sec. containment	Conduct clean up				ASAP	May 2018
TENJO DIESEL	*Facility Area*	Worn out gap seal on the secondary containment floor	Seal floor gaps				ASAP	August 2017
		Corroded tank shell on tank #2	Chip and recoat				ASAP	March 2018
		Corroded supply pipe	Chip and recoat				ASAP	March 2018
		Oil spill and debris in waste oil tank sec. containment	Conduct cleanup				ASAP	March 2018
		Debris stored in the plant grounds	Dispose debris				ASAP	January 2018
		Oil spill in work area and used cans with oil	Conduct clean up; rinse oil from old cans before disposing				ASAP	April 2018
PITI #7	*Main Fuel Tank, Day Tank # 1 & 2*	No integrity test	Conduct integrity test				ASAP	January 2018

Production Data
31-Mar-18

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)						
2015	Oct	31	142,387,859	10,285,716	244,898	13.84	$ 0.1076	9,797.11	12,360.42	191	258
	Nov	30	140,522,664	9,871,651	235,039	14.23	$ 0.1185	9,731.04	12,945.82	195	248
	Dec	31	142,668,711	9,711,263	231,221	14.69	$ 0.0951	9,538.53	12,579.77	192	239
2016	Jan	31	138,191,484	9,446,289	224,912	14.63	$ 0.0676	9,662.86	13,413.90	186	233
	Feb	29	128,816,826	8,860,399	210,962	14.54	$ 0.0706	9,692.42	12,038.19	185	232
	Mar	31	139,991,832	9,522,573	226,728	14.70	$ 0.0732	9,172.99	11,597.00	188	239
	Apr	30	140,706,546	9,301,856	221,473	15.13	$ 0.0734	9,368.24	11,041.70	195	245
	May	31	152,815,417	9,751,521	232,179	15.67	$ 0.0681	9,459.10	11,388.57	205	254
	June	30	149,191,844	9,851,575	234,561	15.14	$ 0.0805	9,666.70	11,074.48	207	253
	July	31	151,248,202	10,443,028	248,644	14.48	$ 0.0920	9,477.71	12,208.87	203	258
	Aug	31	149,051,031	10,210,429	243,105	14.60	$ 0.0935	9,431.70	11,155.10	200	252
	Sept	30	142,069,206	9,829,773	234,042	14.45	$ 0.0956	9,509.75	11,393.73	197	256
	Oct	31	148,824,965	9,660,319	230,008	15.41	$ 0.0729	9,749.38	10,738.69	200	252
	Nov	30	145,293,562	9,427,636	224,468	15.41	$ 0.0901	9,714.47	10,786.30	202	252
	Dec	31	147,753,552	9,725,521	231,560	15.19	$ 0.0934	9,661.13	10,645.44	199	248
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

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	9,070	9,561	273%
P322	7,265	500	4,800	73%
P330	2,635		12,599	478%
P087	4,245	4,200		99%
P046	1,245			
P321	4,045			
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	20,615	26,960	121%

Central Sector

Feeder	Esitmated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P250	33,290	13,340	6,134	58%
P212	17,560	100		1%
P253	15,240			
P283	2,230		7,000	314%
P210	10,120	40		0%
P280	1,675	310		19%
P311	1,360			
P007	778			
P211	6,050			
P202	420			
P251	280			
P213	3,500			
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	13,890	17,720	32%

Southern Sector

Feeder	Esitmated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P294	9,430	45	22,801	242%
P261	4,930	250	9,939	207%
P340	13,240	555	27,675	213%
P262	5,185	195	17,598	343%
P221	1,570	645		41%
P223	2,500	1,475		59%
P341	880	250	450	80%
P301	19,915	1,999	1,675	18%
P005	990	100		10%
P220	1,250	185		15%
P260	12,630	100		1%
Total	72,520	5,799	80,138	119%

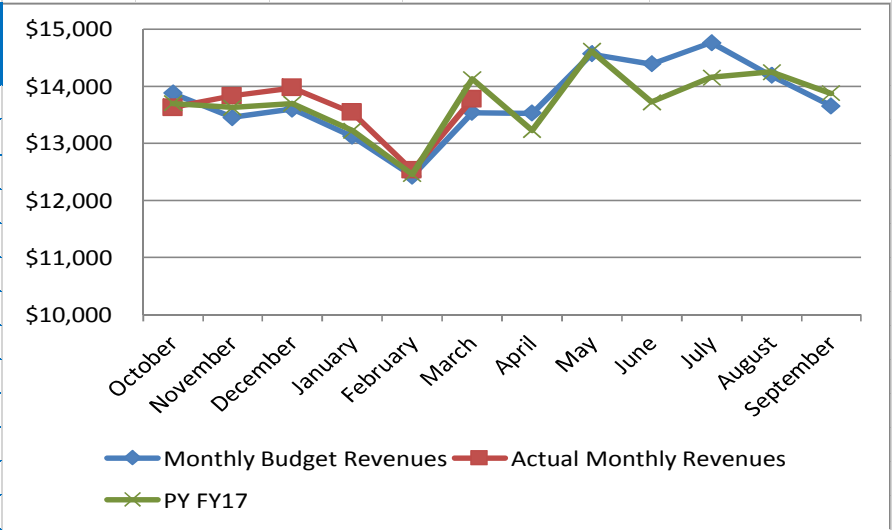
March 2018 Monthly Financial Highlight

1

Through March 31, 2018

$000	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY17	CY vs PY Variance	
October	$ 13,873	$ 13,625	$ (248)	↓	$ 13,702	$ (77)	↓
November	13,451	13,827	$ 376	↑	13,622	$ 205	↑
December	13,599	13,968	$ 369	↑	13,695	$ 273	↑
January	13,114	13,534	$ 420	↑	13,220	$ 314	↑
February	12,422	12,522	$ 100	↑	12,454	$ 68	↑
March	13,534	13,776	$ 242	↑	14,123	$ (347)	↓
April	13,525				13,224		
May	14,568				14,617		
June	14,386				13,722		
July	14,759				14,151		
August	14,183				14,244		
September	13,651				13,874		
Total	**$ 165,064**	**$ 81,252**	**$ 1,259**		**$ 164,649**	**$ 435**	

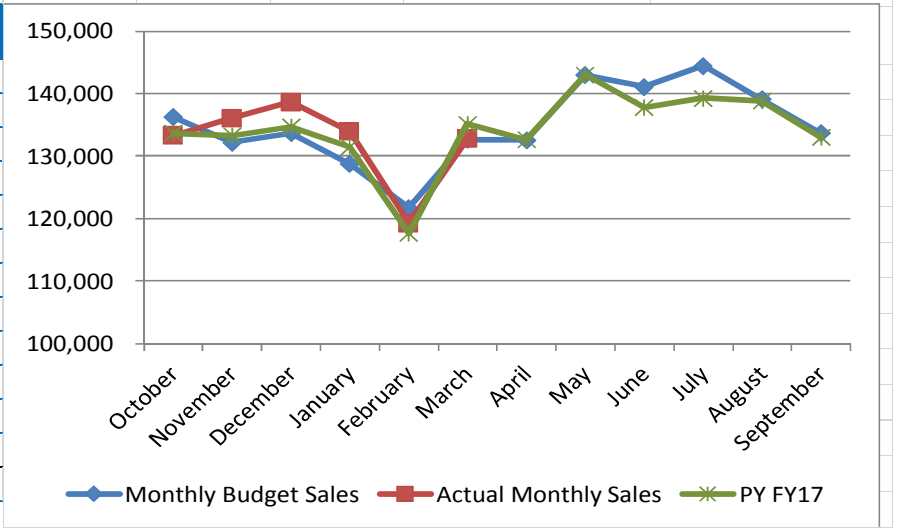
Base Rate Revenue $000



Through March 31, 2018

gwh	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY17	CY vs PY Variance	
October	136,219	133,262	(2,957)	↓	133,620	(358)	↓
November	132,132	136,044	3,912	↑	133,235	2,809	↑
December	133,625	138,587	4,962	↑	134,634	3,953	↑
January	128,711	133,882	5,170	↑	131,461	2,421	↑
February	121,668	119,241	(2,426)	↓	117,617	1,624	↑
March	132,587	132,693	106	↑	135,131	(2,438)	↓
April	132,532				132,587		
May	142,956				143,013		
June	141,064				137,777		
July	144,404				139,227		
August	139,093				138,797		
September	133,658				132,993		
Total	**1,618,650**	**793,710**	**8,767**		**1,610,093**	**8,011**	

MWh Sales

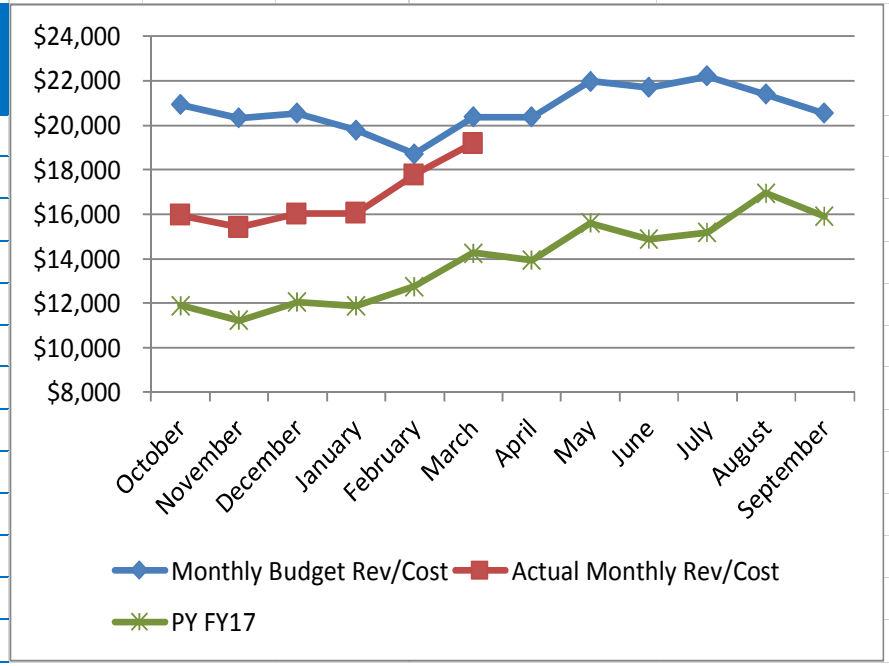


March 2018 Monthly Financial Highlight (Continued)

Through March 31, 2018

$000	Monthly Budget Rev/Cost	Actual Monthly Rev/Cost	Variance		PY FY17	CY vs PY Variance	
October	$ 20,928	$ 15,936	$ (4,992)	↓	$ 11,894	$ 4,042	↑
November	20,300	15,400	$ (4,899)	↓	11,215	$ 4,185	↑
December	20,529	16,007	$ (4,522)	↓	12,036	$ 3,971	↑
January	19,774	16,036	$ (3,738)	↓	11,867	$ 4,169	↑
February	18,692	17,763	$ (930)	↓	12,751	$ 5,012	↑
March	20,370	19,180	$ (1,190)	↓	14,248	$ 4,932	↑
April	20,361				13,940		
May	21,963				15,596		
June	21,672				14,859		
July	22,185				15,175		
August	21,369				16,947		
September	20,534				15,895		
Total	**$ 248,677**	**$ 100,322**	**$ (20,270)**		**$ 166,425**	**$ 26,311**	

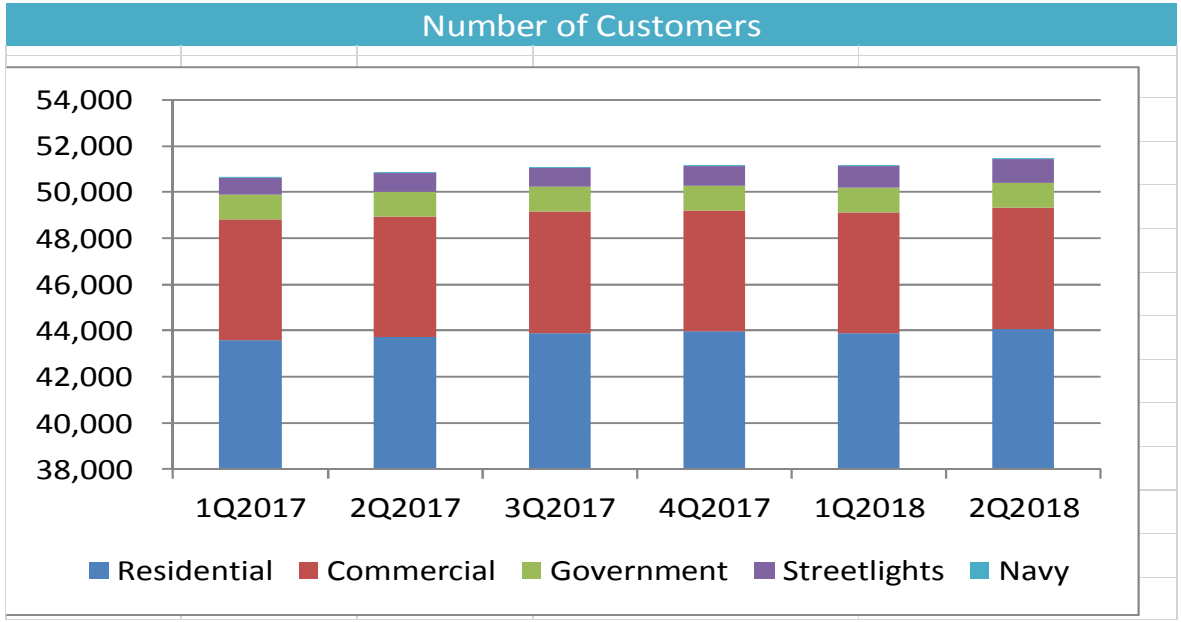
Fuel Revenue/ Cost $000



- Under recovery of LEAC - $14.4 million

March 2018 Monthly Financial Highlight (Continued)

Through March 31, 2018						
	1Q2017	2Q2017	3Q2017	4Q2017	1Q2018	2Q2018
Residential	43,582	43,718	43,902	43,991	43,898	44,065
Commercial	5,235	5,236	5,252	5,226	5,231	5,262
Government	1,071	1,077	1,071	1,073	1,076	1,086
Streetlights	722	800	824	823	908	1,005
Navy	1	1	1	1	1	1
	50,611	50,832	51,050	51,114	51,114	51,419

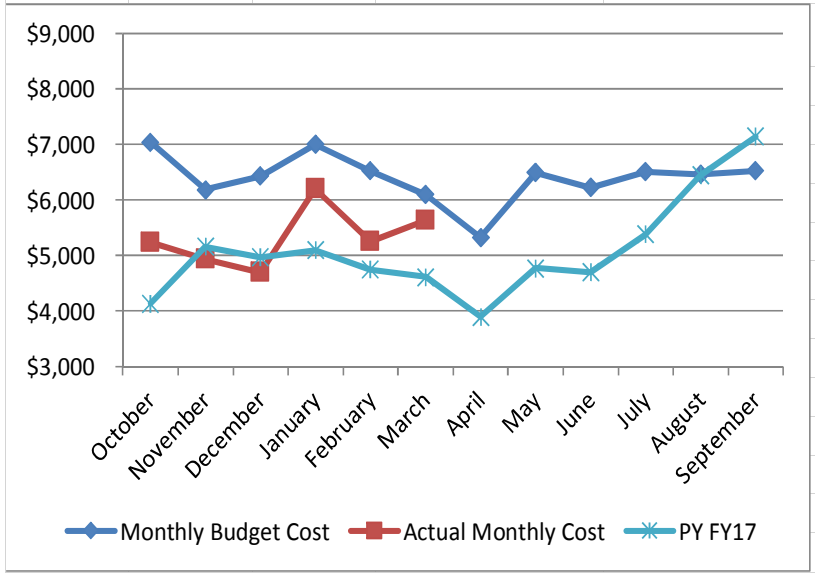


March 2018 Monthly Financial Highlight (Continued)

Through March 31, 2018

$000	Monthly Budget Cost	Actual Monthly Cost	Variance		PY FY17	CY vs PY Variance	
October	$ 7,040	5,239	1,801	↑	4,135	(1,103)	↓
November	6,182	4,941	1,240	↑	5,158	217	↑
December	6,428	4,694	1,735	↑	4,966	273	↑
January	7,001	6,204	797	↑	5,092	(1,112)	↓
February	6,522	5,252	1,270	↑	4,748	(504)	↓
March	6,091	5,638	453	↑	4,612	(1,026)	↓
April	5,320				3,892		
May	6,495				4,772		
June	6,221				4,702		
July	6,508				5,385		
August	6,462				6,445		
September	6,526				7,138		
Total	**$ 76,796**	**$ 31,968**	**$ 7,297**		**$ 61,045**	**$ (3,256)**	

O&M Cost $000



- DSC greater than target of 1.75

Debt service coverage (DSC) calculation-indenture	2013	2014	2015	2016	2017	YTD Mar 2018
Senior lien coverage	3.36	3.16	3.62	3.28	2.65	2.78
Aggregate debt service coverage	1.88	1.98	2.62	3.28	2.65	2.78
Debt service coverage (DSC) calculation-IPP as O&M						
Senior lien coverage	2.16	2.55	2.56	2.45	1.79	1.89
Aggregate debt service coverage	1.21	1.41	1.85	2.45	1.79	1.89

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

GUAM POWER AUTHORITY
FINANCIAL STATEMENT OVERVIEW
March 2018

Attached are the financial statements and supporting schedules for the month and fiscal year ended March 31, 2018.

Summary

The increase in net assets for the month ended was $1.1 million as compared to the anticipated net increase of $0.2 million projected at the beginning of the year. The total kWh sales for the month were 0.08% more than projected and non-fuel revenues were $0.2 million more than the estimated amount. O & M expenses for the month were $5.6 million which was $0.5 million under 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 $3.9 million, which was right in line with the projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	2.08	2.22	2
Days in Receivables	38	37	52
Days in Payables	19	31	30
LEAC (Over)/Under Recovery Balance -YTD	$14,390,645	$14,428,269	$15,084,930
T&D Losses	4.92%	4.93%	<7.00%
Debt Service Coverage	1.92	1.89	1.75
Long-term equity ratio	18%	18%	30 – 40%
Days in Cash	131	196	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 $85 million and approximately $189 million in cash and current receivables. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

Financial Statement
March 2018
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	John M. Benavente, P.E. General Manager

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Net Position
March 31, 2018 and September 30, 2017

	Unaudited March 2018	Unaudited September 2017	Change from Sept 30 2017
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	15,289,095	18,061,879	(2,772,784)
Bond indenture funds	53,008,465	56,907,535	(3,899,070)
Held by Guam Power Authority:			
Bond indenture funds	152,500,338	132,579,889	19,920,449
Self insurance fund-restricted	19,254,852	19,251,372	3,480
Energy sense fund	518,878	1,074,491	(555,613)
Total cash and cash equivalents	240,571,628	227,875,166	12,696,462
Accounts receivable, net	35,022,465	76,563,289	(41,540,824)
Total current receivables	35,022,465	76,563,289	(41,540,824)
Materials and supplies inventory	12,852,329	11,989,745	862,584
Fuel inventory	57,231,975	52,387,369	4,844,606
Prepaid expenses	5,362,440	682,814	4,679,626
Total current assets	351,040,837	369,498,383	(18,457,546)
Utility plant, at cost:			
Electric plant in service	1,041,096,229	1,037,419,517	3,676,712
Construction work in progress	23,104,410	18,382,414	4,721,996
Total	1,064,200,639	1,055,801,931	8,398,708
Less: Accumulated depreciation	(583,219,864)	(565,144,900)	(18,074,964)
Total utility plant	480,980,775	490,657,031	(9,676,256)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,555,191	48,576,863	(21,672)
Unamortized debt issuance costs	2,645,450	4,267,305	(1,621,855)
Total other non-current assets	51,200,641	52,844,168	(1,643,527)
Total assets	883,222,253	912,999,582	(29,777,329)
Deferred outflow of resources:			
Deferred fuel revenue	14,428,269	16,751,048	(2,322,779)
Unamortized loss on debt refunding	28,468,632	11,076,064	17,392,568
Pension	8,168,718	8,168,718	0
Unamortized forward delivery contract costs	557,678	637,358	(79,680)
Total deferred outflows of resources	51,623,297	36,633,188	14,990,109
	934,845,550	949,632,770	(14,787,220)

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statement of Net Position, Continued
March 31, 2018 and September 30, 2017

	Unaudited March 2018	Unaudited September 2017	Change from Sept 30 2017
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	1,630,000	1,780,000	(150,000)
Current obligations under capital leases	16,949,416	16,949,416	0
Accounts payable			
Operations	39,912,904	56,671,898	(16,758,994)
Others	1,291,561	5,425,336	(4,133,775)
Accrued payroll and employees' benefits	1,679,736	1,546,860	132,876
Current portion of employees' annual leave	2,466,478	2,324,895	141,583
Interest payable	12,944,221	15,065,830	(2,121,609)
Customer deposits	8,443,473	8,503,783	(60,310)
Total current liabilities	85,317,789	108,268,018	(22,950,229)
Regulatory liabilities:			
Provision for self insurance	19,550,977	19,550,977	0
Total regulatory liabilities	19,550,977	19,550,977	0
Long term debt, net of current maturities	606,711,843	590,568,862	16,142,981
Obligations under capital leases, net of current portion	18,835,511	30,343,708	(11,508,197)
Net Pension liability	62,171,523	64,596,253	(2,424,730)
DCRS sick leave liability	4,008,397	4,008,397	0
Employees' annual leave net of current portion	806,762	806,762	0
Customer advances for construction	380,726	369,180	11,546
Total liabilities	797,783,528	818,512,157	(20,728,629)
Deferred inflows of resources:			
Unearned forward delivery contract revenue	2,044,062	2,336,071	(292,009)
Pension	732,788	732,788	0
Total deferred inflows of resources	2,776,850	3,068,859	(292,009)
Commitments and contigencies			
Net Position:			
Net investment in capital assets	(62,119,041)	(43,869,737)	(18,249,304)
Restricted	22,476,697	15,232,832	7,243,866
Unrestricted	173,927,515	156,688,658	17,238,857
Total net position	134,285,171	128,051,754	6,233,417
	934,845,550	949,632,770	(14,787,220)

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

	March 31			Six Months Ended March 31		
	Unaudited 2018	Unaudited 2017	% of change Inc (dec)	Unaudited 2018	Unaudited 2017	% of change Inc (dec)
Revenues						
Sales of electricity	32,955,817	28,371,004	16	181,574,210	154,828,291	17
Miscellaneous	179,601	317,287	(43)	1,091,173	1,142,293	(4)
Total	33,135,418	28,688,291	16	182,665,383	155,970,584	17
Bad debt expense	(86,583)	(93,433)	(7)	(519,500)	(510,100)	2
Total revenues	33,048,835	28,594,858	16	182,145,883	155,460,484	17
Operating and maintenance expenses						
Production fuel	19,185,808	14,248,215	35	100,328,043	74,012,032	36
Other production	1,497,918	1,280,763	17	7,859,867	7,639,933	3
	20,683,726	15,528,978	33	108,187,910	81,651,965	32
Depreciation	3,118,612	2,453,646	27	19,251,602	21,268,073	(9)
Energy conversion cost	1,401,419	1,587,427	(12)	9,122,705	9,361,910	(3)
Transmission & distribution	1,093,678	917,602	19	6,481,322	6,114,665	6
Customer accounting	469,792	306,771	53	2,520,808	2,052,407	23
Administrative & general	2,489,968	2,013,681	24	14,586,319	12,395,092	18
Total operating and maintenance expenses	29,257,195	22,808,105	28	160,150,666	132,844,112	21
Operating income	3,791,640	5,786,753	(34)	21,995,217	22,616,372	(3)
Other income (expenses)						
Interest income	(233,221)	276,558	(184)	1,227,079	665,503	84
Interest expense and amortization	(2,664,468)	(2,862,233)	(7)	(16,146,953)	(17,018,822)	(5)
Bond issuance costs	61,350	76,827	(20)	(2,114,087)	460,962	(559)
Allowance for funds used during construction	198,949	313,714	(37)	1,416,507	1,914,828	(26)
Other expense	(9,395)	(4,291)	0	(223,026)	(29,764)	649
Total other income (expenses)	(2,646,785)	(2,199,425)	20	(15,840,480)	(14,007,293)	13
Income (loss) before capital contributions	1,144,855	3,587,328	(68)	6,154,737	8,609,079	(29)
Capital contributions	3,778	25,073	0	78,680	36,561	115
Increase (decrease) in net assets	1,148,633	3,612,401	(68)	6,233,417	8,645,640	(28)
Total net assets at beginning of period (restated)	133,136,538	82,093,568	62	128,051,754	77,060,329	66
Total net assets at end of period	134,285,171	85,705,969	57	134,285,171	85,705,969	57

GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Cash Flows
Period Ended March 31, 2018

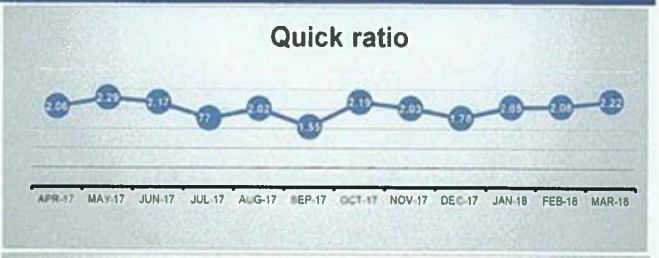
	Month Ended 3/31/2018	YTD Ended 3/31/2018
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	$73,609,522	$ 223,654,120
Cash payments to suppliers and employees for goods and services	14,341,003	189,786,860
Net cash provided by operating activities	$59,268,519	33,867,260
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	(233,221)	1,227,079
Net cash provided by investing activities	(233,221)	1,227,079
Cash flows from non-capital financing activities		
Interest paid on short term debt	(6,666)	(37,975)
Provision for self insurance funds	(612)	(3,480)
Net cash provided by noncapital financing activities	(7,278)	(41,455)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(1,077,072)	(9,575,345)
Principal paid on bonds and other long-term debt	-	(3,550,000)
Interest paid on bonds(net of capitalized interest)	198,949	(14,959,493)
Interest paid on capital lease obligations	(270,472)	(1,854,587)
Interest & principal funds held by trustee	(2,750,591)	2,772,784
Reserve funds held by trustee	(26,915)	21,672
Bond funds held by trustee	317,958	3,899,070
Principal payment on capital lease obligations	(1,873,625)	(11,508,197)
Grant from DOI/FEMA	3,778	78,680
Debt issuance costs/loss on defeasance	(333,577)	19,542,981
Net cash provided by (used in) capital and related financing activities	(5,811,567)	(15,132,435)
Net (decrease) increase in cash and cash equivalents	53,216,453.81	19,920,449
Cash and cash equivalents, beginning	99,283,884	132,579,889
Cash and cash equivalents-Funds held by GPA, March 31, 2018	**$ 152,500,338**	**$ 152,500,338**

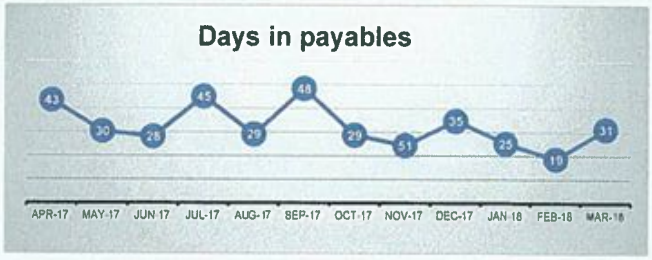
GUAM POWER AUTHORITY
(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)
Statements of Cash Flows, continued
Period Ended March 31 2018

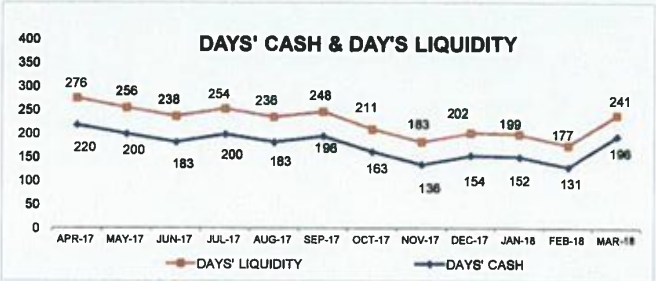
	Month Ended 3/31/2018	YTD Ended 3/31/2018
Reconciliation of operating earnings to net cash provided by operating activities:		
Operating earnings net of depreciation expense and excluding interest income	$3,791,640	$21,995,217
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	3,118,612	19,251,602
Other expense	51,955	(2,337,113)
(Increase) decrease in assets:		
Accounts receivable	40,598,258	41,540,824
Materials and inventory	(49,086)	(862,584)
Fuel inventory	(6,474,651)	(4,844,606)
Prepaid expenses	971,146	(4,679,626)
Unamortized debt issuance cost	23,667	1,621,855
Deferred fuel revenue	(37,624)	2,322,779
Unamortized loss on debt refunding	229,166	(17,392,568)
Unamortized forward delivery contract costs	13,280	79,680
Increase (decrease) in liabilities:		
Accounts payable-operations	18,874,624	(16,758,994)
Accounts payable-others	(1,889,955)	(3,578,162)
Accrued payroll and employees' benefits	426,427	132,876
Net pension liability	(446,562)	(2,424,730)
Employees' annual leave	33,808	141,583
Customers deposits	82,482	(60,310)
Customer advances for construction	-	11,546
Unearned forward delivery contract revenue	(48,668)	(292,009)
Net cash provided by operating activities	**$59,268,519**	**$ 33,867,260**

Guam Power Authority
Financial Analysis
March 31, 2018

	Quick Ratio		
A	Reserve Funds Held by GPA		152,500,338
B	Current Accounts Receivable		36,572,815
C	Total Cash and A/R (A+B)		189,073,153
D	Total Current Liabilities		85,317,789
E	**Quick Ratio (F/G)**		**2.22**
	Days in Receivables		
A	FY 18 Moving 12 Mos -Actual		357,819,973
B	No. of Days		365
C	Average Revenues per day (A/B)		980,329
D	Current Accounts Receivable		36,572,815
E	**Days in Receivables (D/C)**		**37**
	Days in Payables		
A	FY 18 Moving 12 Months-Actual		479,854,934
B	No. of Days		365
C	Average Payables per day (A/B)		1,314,671
D	Current Accounts Payables		41,204,465
E	**Days in Payables (D/C)**		**31**
	Long term equity ratio		
A	Equity	$	134,285,171.00
B	Total Long term Liability	$	593,226,705.00
C	Total Equity and liability	$	727,511,876.00
D	**Long term equity ratio (A/C)**		**18%**
	Days cash on hand		
A	Unrescticted cash & cash equivalents		152,500
B	No. of Days -YTD		181
C	A x B		27,602,561
D	Total Operating expenses excluding depreci		140,899
E	**Days cash on hand**		**196**
	Days' Liquidity		
A	Unrescticted cash , cash equivalents & rev		187,500
B	No. of Days -YTD		181
C	A x B		33,937,561
D	Total Operating expenses excluding depreci		140,899
E	**Days liquidity**		**241**







GUAM POWER AUTHORITY
ACCRUED REVENUE
MARCH 2018

	FOR THE MONTH ENDED MARCH		SIX MONTHS ENDED MARCH	
	2018	2017	2018	2017
KWH SALES:				
Residential	41,541,824	40,911,781	248,796,200	240,570,451
Small Gen. Non Demand	6,976,607	6,767,505	41,058,895	40,594,512
Small Gen. Demand	15,917,309	16,300,307	93,074,431	93,306,665
Large General	26,155,199	26,173,462	156,408,481	155,603,304
Independent Power Producer	28,536	83,841	310,730	518,040
Private St. Lights	32,791	34,097	201,578	244,710
Sub-total	90,652,265	90,270,993	539,850,315	530,837,682
Government Service:				
Small Non Demand	1,193,794	1,123,675	7,340,385	6,641,796
Small Demand	7,889,205	8,171,598	47,815,506	48,438,749
Large	6,226,210	6,340,287	38,228,791	36,763,223
Street Lighting	743,499	829,968	4,308,590	4,966,126
Sub-total	16,052,709	16,465,529	97,693,272	96,809,894
Total	106,704,974	106,736,522	637,543,587	627,647,576
U. S. Navy	25,988,485	28,394,970	156,166,216	158,051,383
GRAND TOTAL	132,693,459	135,131,492	793,709,803	785,698,959
REVENUE:				
Residential	$ 10,154,660	$ 8,255,658	$ 56,194,689	$ 45,873,312
Small Gen. Non Demand	$ 1,988,097	$ 1,647,869	$ 10,947,044	$ 9,408,937
Small Gen. Demand	$ 4,266,730	$ 3,674,304	$ 23,214,676	$ 20,019,638
Large General	$ 6,565,683	$ 5,370,285	$ 36,077,615	$ 30,468,327
Independent Power Producer	$ 7,406	$ 17,451	$ 70,450	$ 106,332
Private St. Lights	$ 25,785	$ 25,012	$ 152,925	$ 156,630
Sub-total	$ 23,008,362	$ 18,990,578	$ 126,657,399	$ 106,033,175
Government Service:				
Small Non Demand	$ 356,541	$ 289,226	$ 2,033,559	$ 1,628,343
Small Demand	$ 2,224,973	$ 1,956,670	$ 12,493,608	$ 11,029,161
Large	$ 1,707,269	$ 1,454,690	$ 9,644,575	$ 8,066,417
Street Lighting	$ 455,729	$ 447,332	$ 2,604,959	$ 2,744,733
Sub-total	$ 4,744,512	$ 4,147,918	$ 26,776,701	$ 23,468,654
Total	$ 27,752,874	$ 23,138,496	$ 153,434,100	$ 129,501,829
U. S. Navy	$ 5,202,943	$ 5,232,508	$ 28,140,109	$ 25,326,463
GRAND TOTAL	$ 32,955,817	$ 28,371,004	$ 181,574,210	$ 154,828,292
NUMBER OF CUSTOMERS:				
Residential	44,065	43,718	44,004	43,623
Small Gen. Non Demand	4,154	4,128	4,141	4,121
Small Gen. Demand	987	989	984	989
Large General	119	116	118	116
Independent Power Producer	2	3	3	3
Private St. Lights	526	528	528	524
Sub-total	49,853	49,482	49,777	49,375
Government Service:				
Small Non Demand	689	684	682	683
Small Demand	350	348	351	347
Large	47	45	47	45
Street Lighting	479	272	404	212
Sub-total	1,565	1,349	1,484	1,286
Total	51,418	50,831	51,261	50,660
US Navy	1	1	1	1
	51,419	50,832	51,262	50,661

GUAM POWER AUTHORITY
ACCRUED REVENUE

	TWELVE MONTHS ENDED	MARCH 2018	FEBRUARY 2018	JANUARY 2018	DECEMBER 2017	NOVEMBER 2017	OCTOBER 2017	SEPTEMBER 2017	AUGUST 2017	JULY 2017	JUNE 2017	MAY 2017	APRIL 2017
KWH SALES:													
Residential	514,561,351	41,541,824	36,809,815	42,067,765	43,307,944	43,386,853	41,682,000	41,491,015	44,434,719	45,094,364	45,699,553	46,940,445	42,105,054
Small General Non Demand	84,364,083	6,976,607	6,154,115	6,844,713	6,956,278	7,060,041	7,067,142	7,022,092	7,347,440	7,087,373	7,546,692	7,375,238	6,926,353
Small General Demand	189,818,690	15,917,309	14,164,319	15,562,774	15,848,505	15,789,397	15,792,127	15,509,408	16,488,257	15,839,125	16,853,701	16,415,592	15,638,177
Large General	315,378,408	26,155,199	23,674,407	26,242,185	27,485,887	26,267,861	26,583,141	25,432,034	27,038,013	27,119,633	26,399,095	27,209,329	25,771,823
Private Outdoor Lighting	449,276	32,791	32,408	32,358	35,129	35,042	33,851	76,532	33,324	35,412	36,199	31,956	34,275
Independent Power Producer	754,513	28,536	28,976	27,011	40,140	93,823	92,244	34,586	57,754	82,600	93,447	97,039	78,158
Sub-Total	1,105,326,321	90,652,265	80,864,040	90,776,805	93,673,883	92,632,817	91,250,505	89,565,666	95,399,508	95,258,706	96,628,687	98,069,599	90,553,840
Government Service:													
Small Non Demand	14,600,834	1,193,794	1,119,571	1,248,251	1,272,026	1,255,131	1,251,612	1,246,106	1,243,487	1,254,979	1,154,625	1,242,514	1,118,738
Small Demand	96,255,358	7,889,205	7,377,578	8,102,981	8,063,549	8,098,974	8,283,218	8,084,368	8,147,386	7,962,644	7,847,651	8,507,100	7,890,703
Large	76,363,536	6,226,210	5,905,830	6,315,619	6,812,255	6,550,623	6,418,254	6,493,449	6,520,699	6,219,351	6,043,966	6,712,069	6,145,212
Street Lighting (Agencies)	8,857,071	743,499	669,689	716,067	697,921	668,464	812,949	697,002	877,130	638,971	843,815	771,506	720,057
Sub-Total	196,076,800	16,052,709	15,072,669	16,382,918	16,845,750	16,573,193	16,766,033	16,520,925	16,788,702	16,075,944	15,890,058	17,233,190	15,874,710
Total	1,301,403,121	106,704,974	95,936,708	107,159,724	110,519,633	109,206,010	108,016,537	106,086,591	112,188,210	111,334,651	112,518,745	115,302,789	106,428,550
U.S. Navy	316,700,734	25,988,485	23,304,608	26,722,147	28,067,673	26,837,883	25,245,420	26,906,320	26,608,721	27,892,205	25,258,344	27,710,121	26,158,807
Grand Total	1,618,103,855	132,693,459	119,241,316	133,881,870	138,587,306	136,043,893	133,261,957	132,992,911	138,796,930	139,226,856	137,777,089	143,012,910	132,587,357
REVENUE:													
Residential	$ 110,923,355	$ 10,154,660	$ 9,633,432	$ 8,985,179	$ 9,238,911	$ 9,263,463	$ 8,919,044	$ 8,887,320	$ 9,762,810	$ 9,056,344	$ 9,109,920	$ 9,464,539	$ 8,447,732
Small General Non Demand	$ 21,578,839	$ 1,988,097	$ 1,869,658	$ 1,741,922	$ 1,765,223	$ 1,789,263	$ 1,792,881	$ 1,783,997	$ 1,902,660	$ 1,709,931	$ 1,790,832	$ 1,782,557	$ 1,661,818
Small General Demand	$ 45,264,555	$ 4,266,730	$ 4,006,949	$ 3,714,258	$ 3,769,415	$ 3,699,298	$ 3,758,026	$ 3,692,273	$ 3,964,157	$ 3,527,191	$ 3,704,661	$ 3,828,208	$ 3,333,389
Large General	$ 69,787,348	$ 6,565,683	$ 6,086,686	$ 5,762,313	$ 6,067,740	$ 5,793,817	$ 5,801,375	$ 5,643,059	$ 6,028,539	$ 5,589,484	$ 5,443,855	$ 5,621,797	$ 5,382,999
Private Outdoor Lighting	$ 303,253	$ 25,785	$ 25,733	$ 25,133	$ 25,553	$ 25,471	$ 25,250	$ 25,361	$ 25,094	$ 25,099	$ 25,329	$ 24,432	$ 25,014
Independent Power Producer	$ 175,149	$ 7,406	$ 7,969	$ 6,029	$ 9,249	$ 20,053	$ 19,744	$ 17,076	$ 14,804	$ 17,270	$ 19,157	$ 20,386	$ 16,006
Sub-Total	$ 248,032,498	$ 23,008,362	$ 21,630,428	$ 20,234,834	$ 20,876,091	$ 20,591,366	$ 20,316,320	$ 20,049,087	$ 21,698,063	$ 19,925,320	$ 20,093,753	$ 20,741,919	$ 18,866,957
Government Service:													
Small Non Demand	$ 3,918,224	$ 356,541	$ 335,126	$ 332,434	$ 341,017	$ 334,963	$ 333,478	$ 333,079	$ 332,325	$ 319,135	$ 297,031	$ 313,817	$ 289,279
Small Demand	$ 24,294,525	$ 2,224,973	$ 2,094,220	$ 2,016,922	$ 2,046,340	$ 2,043,720	$ 2,067,433	$ 2,050,292	$ 2,052,253	$ 1,907,628	$ 1,885,990	$ 1,985,615	$ 1,919,140
Large	$ 18,557,524	$ 1,707,269	$ 1,628,297	$ 1,525,771	$ 1,652,805	$ 1,583,988	$ 1,546,446	$ 1,575,080	$ 1,573,445	$ 1,424,292	$ 1,393,449	$ 1,572,201	$ 1,374,482
Street Lighting (Agencies)	$ 5,298,922	$ 455,729	$ 439,995	$ 427,482	$ 416,951	$ 419,351	$ 445,451	$ 436,808	$ 516,047	$ 418,012	$ 451,933	$ 439,403	$ 431,759
Sub-Total	$ 52,069,195	$ 4,744,512	$ 4,497,638	$ 4,302,609	$ 4,457,113	$ 4,382,022	$ 4,392,807	$ 4,395,259	$ 4,474,070	$ 4,069,066	$ 4,028,403	$ 4,311,036	$ 4,014,660
Total	$ 300,101,693	$ 27,752,874	$ 26,128,065	$ 24,537,443	$ 25,333,204	$ 24,973,388	$ 24,709,127	$ 24,444,346	$ 26,172,133	$ 23,994,386	$ 24,122,156	$ 25,052,955	$ 22,881,617
U.S. Navy	$ 57,718,280	$ 5,202,943	$ 4,155,974	$ 5,033,103	$ 4,642,130	$ 4,254,065	$ 4,851,893	$ 5,325,383	$ 5,019,382	$ 5,331,702	$ 4,458,411	$ 5,160,265	$ 4,283,028
Grand Total	$ 357,819,973	$ 32,955,817	$ 30,284,040	$ 29,570,546	$ 29,975,334	$ 29,227,453	$ 29,561,020	$ 29,769,728	$ 31,191,516	$ 29,326,087	$ 28,580,567	$ 30,213,220	$ 27,164,645
NUMBER OF CUSTOMERS:													
Residential	43,947	44,065	43,995	44,119	43,898	43,996	43,950	43,991	43,969	43,866	43,902	43,803	43,807
Small General Non Demand	4,137	4,154	4,153	4,142	4,129	4,131	4,134	4,127	4,134	4,131	4,145	4,130	4,137
Small General Demand	984	987	991	981	981	982	982	980	981	984	988	988	988
Large General	117	119	118	119	118	117	119	116	115	116	116	117	115
Private Outdoor Lighting	528	526	527	527	530	527	530	526	527	526	527	530	528
Independent Power Producer	3	2	2	2	3	3	3	3	3	3	3	4	4
Sub-Total	49,716	49,853	49,786	49,890	49,659	49,756	49,718	49,743	49,729	49,626	49,681	49,572	49,579
Government Service:													
Small Non Demand	681	689	684	686	679	678	676	675	678	678	677	684	684
Small Demand	350	350	351	350	350	354	351	353	351	352	349	346	347
Large	46	47	47	47	47	47	46	45	45	45	45	45	45
Street Lighting (Agencies)	349	479	421	389	378	378	377	297	297	297	297	293	290
Sub-Total	1,426	1,565	1,503	1,472	1,454	1,457	1,450	1,370	1,371	1,372	1,368	1,368	1,366
Total	51,142	51,418	51,289	51,362	51,113	51,213	51,168	51,113	51,100	50,998	51,049	50,940	50,945
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	51,143	51,419	51,290	51,363	51,114	51,214	51,169	51,114	51,101	50,999	51,050	50,941	50,946

GUAM POWER AUTHORITY
ACCRUED REVENUE
MARCH 2018

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	FUEL C/KWH	FUEL AMOUNT
Month												
R Residential	44,065	41,541,824	$ 10,154,660	$ 24.44	$ 24.44	$ 10,154,660	943	$ 230.45	$ 9.7178	$ 4,036,961	$ 14.7266	$ 6,117,698
G Small Gen. Non Demand	4,154	6,976,607	$ 1,988,097	$ 28.50	$ 28.50	$ 1,988,097	1,679	$ 478.60	$ 13.7700	$ 960,680	$ 14.7266	$ 1,027,417
J Small Gen. Demand	987	15,917,309	$ 4,266,730	$ 26.81	$ 26.81	$ 4,266,730	16,127	$ 4,322.93	$ 12.0839	$ 1,923,433	$ 14.7217	$ 2,343,297
P Large General	119	26,155,199	$ 6,565,683	$ 25.10	$ 25.10	$ 6,565,683	219,792	$ 55,173.81	$ 10.4462	$ 2,732,228	$ 14.6566	$ 3,833,455
I Independent PowerProducer	2	28,536	$ 7,406	$ 25.95	$ 25.95	$ 7,406	14,268	$ 3,703.07	$ 11.7182	$ 3,344	$ 14.2358	$ 4,062
H Private St. Lights	526	32,791	$ 25,785	$ 78.64	$ 78.64	$ 25,785	62	$ 49.02	$ 63.9091	$ 20,956	$ 14.7266	$ 4,829
Sub-Total	49,853	90,652,265	$ 23,008,362	$ 25.38	$ 25.38	$ 23,008,362	1,818	$ 461.52	$ 10.6755	$ 9,677,603	$ 14.7054	$ 13,330,758
Government Service:												
S Small Non Demand	689	1,193,794	$ 356,541	$ 29.87	$ 29.87	$ 356,541	1,733	$ 517.48	$ 15.1396	$ 180,736	$ 14.7266	$ 175,805
K Small Demand	350	7,889,205	$ 2,224,973	$ 28.20	$ 28.20	$ 2,224,973	22,541	$ 6,357.07	$ 13.4762	$ 1,063,161	$ 14.7266	$ 1,161,812
L Large	47	6,226,210	$ 1,707,269	$ 27.42	$ 27.42	$ 1,707,269	132,473	$ 36,324.86	$ 12.8692	$ 801,285	$ 14.5514	$ 906,004
F Street Lighting (Agencies)	479	743,499	$ 455,729	$ 61.30	$ 61.30	$ 455,729	1,552	$ 951.42	$ 46.5686	$ 346,237	$ 14.7266	$ 109,492
Sub-Total	1,565	16,052,709	$ 4,744,512	$ 29.56	$ 29.56	$ 4,744,512	10,257	$ 3,031.64	$ 14.8972	$ 2,391,399	$ 14.6587	$ 2,353,113
	51,418	106,704,974	$ 27,752,874	$ 26.01	$ 26.01	$ 27,752,874	2,075	$ 539.75	$ 11.3106	$ 12,069,002	$ 14.6984	$ 15,683,871
U.S. Navy	1	25,988,485	$ 5,202,943	$ 20.02	$ 20.02	$ 5,202,943			$ 6.5669	$ 1,706,643	$ 13.4533	$ 3,496,300
TOTAL	51,419	132,693,459	$ 32,955,817	$ 24.84	$ 24.84	$ 32,955,817	2,581	$ 640.93	$ 10.3816	$ 13,775,645	$ 14.4545	$ 19,180,172
Six Months Ended March 2018												
R Residential	44,004	248,796,200	$ 56,194,689	$ 22.59	$ 22.59	$ 56,194,689	5,654	$ 1,277.04	$ 9.6268	$ 23,951,125	$ 12.9598	$ 32,243,564
G Small Gen. Non Demand	4,141	41,058,895	$ 10,947,044	$ 26.66	$ 26.66	$ 10,947,044	9,916	$ 2,643.89	$ 13.6795	$ 5,616,639	$ 12.9823	$ 5,330,406
J Small Gen. Demand	984	93,074,431	$ 23,214,676	$ 24.94	$ 24.94	$ 23,214,676	94,588	$ 23,592.15	$ 12.0073	$ 11,175,765	$ 12.9347	$ 12,038,910
P Large General	118	156,408,481	$ 36,077,615	$ 23.07	$ 23.07	$ 36,077,615	1,321,762	$ 304,881.26	$ 10.3637	$ 16,209,732	$ 12.7026	$ 19,867,884
I Independent PowerProducer	3	310,730	$ 70,450	$ 22.67	$ 22.67	$ 70,450	124,292	$ 28,179.92	$ 10.7689	$ 33,462	$ 11.9035	$ 36,988
H Private St. Lights	528	201,578	$ 152,925	$ 75.86	$ 75.86	$ 152,925	382	$ 289.72	$ 63.1364	$ 127,269	$ 12.7275	$ 25,656
Sub-Total	49,777	539,850,315	$ 126,657,399	$ 23.46	$ 23.46	$ 126,657,399	10,845	$ 2,544.50	$ 10.5796	$ 57,113,992	$ 12.8820	$ 69,543,407
Government Service:												
S Small Non Demand	682	7,340,385	$ 2,033,559	$ 27.70	$ 27.70	$ 2,033,559	10,763	$ 2,981.76	$ 15.0002	$ 1,101,071	$ 12.7035	$ 932,488
K Small Demand	351	47,815,506	$ 12,493,608	$ 26.13	$ 26.13	$ 12,493,608	136,227	$ 35,594.32	$ 13.4136	$ 6,413,759	$ 12.7152	$ 6,079,849
L Large	47	38,228,791	$ 9,644,575	$ 25.23	$ 25.23	$ 9,644,575	816,273	$ 205,933.99	$ 12.6724	$ 4,844,492	$ 12.5562	$ 4,800,083
F Street Lighting (Agencies)	404	4,308,590	$ 2,604,959	$ 60.46	$ 60.46	$ 2,604,959	10,674	$ 6,453.24	$ 47.7187	$ 2,056,004	$ 12.7410	$ 548,956
Sub-Total	1,484	97,693,272	$ 26,776,701	$ 27.41	$ 27.41	$ 26,776,701	65,853	$ 18,049.68	$ 14.7557	$ 14,415,326	$ 12.6533	$ 12,361,375
U.S. Navy	1	156,166,216	$ 28,140,109	$ 18.02	$ 18.02	$ 28,140,109			$ 6.2257	$ 9,722,486	$ 11.7936	$ 18,417,623
TOTAL	51,262	793,709,803	$ 181,574,210	$ 22.88	$ 22.88	$ 181,574,210	15,484	$ 3,542.12	$ 10.2370	$ 81,251,804	$ 12.6397	$ 100,322,406
Twelve Months Ended March 2018												
R Residential	43,947	514,561,351	$ 110,923,355	$ 21.56	$ 21.56	$ 110,923,355	11,709	$ 2,524.04	$ 9.5997	$ 49,396,200	$ 11.9572	$ 61,527,155
G Small Gen. Non Demand	4,137	84,364,083	$ 21,578,839	$ 25.58	$ 25.58	$ 21,578,839	20,391	$ 5,215.74	$ 13.5990	$ 11,472,642	$ 11.9793	$ 10,106,197
J Small Gen. Demand	984	189,818,690	$ 45,264,555	$ 23.85	$ 23.85	$ 45,264,555	192,824	$ 45,981.09	$ 11.8947	$ 22,578,377	$ 11.9515	$ 22,686,178
P Large General	117	315,378,408	$ 69,787,348	$ 22.13	$ 22.13	$ 69,787,348	2,693,623	$ 596,048.52	$ 10.3396	$ 32,608,807	$ 11.7886	$ 37,178,541
I Independent PowerProducer	3	754,513	$ 175,149	$ 23.21	$ 23.21	$ 175,149	258,690	$ 60,051.11	$ 11.5629	$ 87,244	$ 11.6506	$ 87,905
H Private St. Lights	528	449,276	$ 303,253	$ 67.50	$ 67.50	$ 303,253	852	$ 574.80	$ 56.7851	$ 255,122	$ 10.7129	$ 48,131
Sub-Total	49,716	1,105,326,321	$ 248,032,498	$ 22.44	$ 22.44	$ 248,032,498	22,233	$ 4,988.99	$ 10.5307	$ 116,398,391	$ 11.9091	$ 131,634,107
Government Service:												
S Small Non Demand	681	14,600,834	$ 3,918,224	$ 26.84	$ 26.84	$ 3,918,224	21,451	$ 5,756.45	$ 15.0093	$ 2,191,483	$ 11.8263	$ 1,726,741
K Small Demand	350	96,255,358	$ 24,294,525	$ 25.24	$ 25.24	$ 24,294,525	274,754	$ 69,346.88	$ 13.4231	$ 12,920,414	$ 11.8166	$ 11,374,111
L Large	46	76,363,536	$ 18,557,524	$ 24.30	$ 24.30	$ 18,557,524	1,663,090	$ 404,156.59	$ 12.6196	$ 9,636,793	$ 11.6819	$ 8,920,731
F Street Lighting (Agencies)	349	8,857,071	$ 5,298,922	$ 59.83	$ 59.83	$ 5,298,922	25,348	$ 15,165.05	$ 48.0091	$ 4,252,204	$ 11.8179	$ 1,046,717
Sub-Total	1,426	196,076,800	$ 52,069,195	$ 26.56	$ 26.56	$ 52,069,195	137,469	$ 36,505.63	$ 14.7906	$ 29,000,894	$ 11.7649	$ 23,068,300
	51,142	1,301,403,121	$ 300,101,693	$ 23.06	$ 23.06	$ 300,101,693	25,447	$ 41,494.62	$ 11.1725	$ 145,399,286	$ 11.8874	$ 154,702,407
U.S. Navy	1	316,700,734	$ 57,718,280	$ 18.22	$ 18.22	$ 57,718,280			$ 6.2158	$ 19,685,530	$ 12.0091	$ 38,032,750
TOTAL	51,143	1,618,103,855	$ 357,819,973	$ 22.11	$ 22.11	$ 357,819,973	31,639	$ 6,996.41	$ 10.2024	$ 165,084,816	$ 11.9112	$ 192,735,157

GPA-318

318Mar18

ENERGY ACCOUNT

FY 2018 Versus FY 2017

FOR INTERNAL USE ONLY

	March 2018		March 2017		Y T D 2018		Y T D 2017		MOVING TWELVE MONTHS	
Gross Generation										
Number of days in Period	31		31		182		182		365	
Peak demand	244		249		254		252		261	
Date	03/16/18		03/13/17		10/30/17		11/29/16		08/01/17	
	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	29,598,000		70,267,000		345,892,000		398,641,000		642,244,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	28,720,400		31,030,200		158,441,400		170,571,600		307,503,500	
MEC (ENRON) Piti 9 (IPP)	29,252,800		27,832,500		167,011,700		162,026,900		313,047,100	
TEMES Piti 7 (IPP)	6,719,199		705,294		12,248,444		4,628,278		54,601,535	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:							0			
MDI 10MW	922,084		67,011		943,498		2,004,844		1,196,281	
NRG Solar Dandan	4,924,890		3,742,223		23,564,107		20,655,452		46,099,457	
Dededo CT #1	2,656,670		0		3,140,410		0		10,263,710	
Dededo CT #2	2,348,090		254,855		2,598,090		266,319		8,164,363	
Macheche CT	7,379,608		3,386,502		24,746,597		12,831,604		67,482,549	
Yigo CT (Leased)	4,725,702		808,173		18,238,529		13,922,042		45,692,434	
Tenjo	6,736,830		2,987,660		22,877,410		13,773,820		54,561,070	
Talofofo 10 MW	2,630,430		1,278,400		7,659,840		4,827,580		21,603,650	
Aggreko	17,666,134		5,867,886		82,062,205		59,477,824		196,030,920	
Wind Turbine*	72,277		3,146		252,491		270,470		369,216	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
	144,353,114		**148,230,849**		**869,676,721**		**863,897,734**		**1,768,859,784**	
Ratio to last year		97.38		105.66		100.67		**103.11**		**101.25**
Station use	4,423,014		6,060,640		32,259,682		34,961,635		63,193,044	
Ratio to Gross generation		3.06		4.09		3.71		4.05		**3.57**
Net send out	139,930,100		142,170,209		837,417,039		828,936,099		1,705,666,740	
Ratio to last year		98.42		104.36		101.02		**103.01**		**101.52**
KWH deliveries:										
Sales to Navy (@34.5kv)	**25,988,485**		**28,394,970**		**156,166,216**		**158,051,384**		**316,700,735**	
Ratio to last year		91.52		106.25		98.81		**100.05**		**99.54**
GPA-metered	**113,941,615**		**113,775,239**		**681,250,823**		**670,884,715**		**1,388,966,005**	
Ratio to last year		100.15		103.90		101.55		**103.73**		**101.98**
Power factor adj.	0		0		0		0		0	
Adjusted	113,941,615		113,775,239		681,250,823		670,884,715		1,388,966,005	
GPA KWH Accountability:										
Sales to civilian customers-accrual basis	**106,704,974**		**106,736,522**		**637,543,586**		**627,647,578**		**1,301,403,122**	
Ratio to last year		99.97		104.43		101.58		**103.60**		**101.83**
GPA use-KWH	319,483		260,662		1,837,556		1,526,598		3,455,195	
Unaccounted For	6,917,158		6,778,055		41,869,681		41,710,541		84,107,688	
Ratio to deliveries		6.07		5.96		6.15		6.22		6.06
Ratio to Gross Generation		4.79		4.57		4.81		4.83		4.75
Ratio to Net Send Out		4.94		4.77		5.00		5.03		4.93

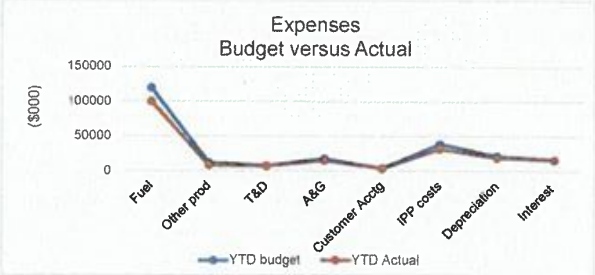
GPA-317Mar18

Guam Power Authority
Fuel Consumption
FY 2018

Description	March 2018 BARRELS	March 2018 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	118,172	$7,804,565	927,314	$ 56,891,588	1,474,756	$ 88,132,641
Diesel	107,288	$9,276,701	346,698	$ 28,637,528	930,645	$ 70,892,702
Low Sulfur	8,416	$501,446	79,989	$ 4,885,758	436,689	$ 25,921,713
Deferred Fuel Costs	0	-$37,624	0	$ 2,322,779	0	$ (9,337,692)
Fuel Adjustments	0	$0		$ (19,006)	0	$ (222,386)
Fuel Handling Costs	0	$1,640,720	0	$ 7,609,395	0	$ 17,353,815
	233,876	**$19,185,808**	**1,354,002**	**$ 100,328,043**	**2,842,089**	**$ 192,740,793**
IWPS:						
GPA RFO	118,172	$7,804,565	927,314	$ 56,891,588	1,474,756	$ 88,132,641
Diesel	107,288	$9,276,701	346,698	$ 28,637,528	930,645	$ 70,892,702
Low Sulfur	8,416	$501,446	79,989	$ 4,885,758	436,689	$ 25,921,713
Deferred Fuel Costs	0	-$37,624	0	$ 2,322,779	0	$ (9,337,692)
Fuel Variance	0	$0	0	$ (19,006)		$ (222,386)
Fuel Handling Costs	0	$1,640,720	0	$ 7,609,395	0	$ 17,353,815
	233,876	**$19,185,808**	**1,354,002**	**$ 100,328,043**	**2,842,089**	**$ 192,740,793**
AVERAGE COST/Bbl.						
GPA RFO		**$66.04**		**$61.35**		**$59.76**
Diesel		**$86.47**		**$82.60**		**$76.18**
Low Sulfur		**$59.58**		**$61.08**		**$59.36**
AS BURNED						
Cabras 1 & 2						
RFO	47,543	$ 3,133,609	520,953	$ 31,946,172	909,448	$ 54,120,417
Low Sulfur	1,480	$ 87,507	47,489	$ 2,900,518	167,766	$ 9,996,103
Diesel	691	$ 53,308	1,056	$ 77,826	2,938	$ 204,952
	49,714	$ 3,274,423	569,498	$ 34,924,516	1,080,152	$ 64,321,471
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	70,629	$ 4,670,955	406,361	$ 24,945,416	565,308	$ 34,012,225
Low Sulfur	6,936	$ 413,940	32,501	$ 1,985,241	268,923	$ 15,925,610
Diesel	0	$ -	38	$ 2,127	77	$ 4,322
	77,565	$ 5,084,895	438,899	$ 26,932,784	834,308	$ 49,942,156
Diesel & CT's - GPA:						
MDI Dsl	1,485	$ 103,390	1,516	$ 105,403	1,922	$ 132,830
Macheche CT	15,341	$ 1,339,742	53,656	$ 4,384,712	146,537	$ 11,133,197
Yigo CT	9,681	$ 837,443	37,689	$ 3,113,282	94,277	$ 7,196,104
Talofofo 10 MW	4,466	$ 390,983	13,149	$ 1,119,798	36,923	$ 2,832,966
Aggreko	32,891	$ 2,877,595	151,111	$ 12,459,846	357,742	$ 27,289,778
Tenjo	11,732	$ 1,080,977	39,419	$ 3,403,286	94,726	$ 7,500,110
TEMES (IPP)	16,430	$ 1,394,788	31,771	$ 2,553,053	138,637	$ 10,296,883
GWA Generators	8	$ 901	291	$ 34,196	684	$ 80,494
	106,598	$ 9,223,393	345,604	$ 28,557,575	927,629	$ 70,683,428
Deferred Fuel Costs	0	$ (37,624)		$ 2,322,779		$ (9,337,692)
Adjustment		$ -		$ (19,006)		$ (222,386)
Fuel Handling Costs	0	$ 1,640,720		$ 7,609,395		$ 17,353,815
TOTAL	**233,877**	**$ 19,185,807**	**1,354,002**	**$ 100,328,043**	**2,842,089**	**$ 192,740,793**

Statement of operations
Comparison-Budget versus Actual
For the month and year to date ended March 31, 2018

	Budget	Actual March-18	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	106,019	106,705	-686	627,886	637,543	-9,657
Non-fuel yield	$ 0.105881	$ 0.113106	$ (0.007226)	$ 0.111948	$ 0.112196	$ (0.000248)
KwH Sales-Navy	26,568	25,988	580	157,055	156,166	889
Non-fuel yield	$ 0.061774	$ 0.065646	$ (0.003872)	$ 0.061774	$ 0.062254	$ (0.000480)
Operating revenue						
Civilian sales	11,892	12,069	(177)	70,290	71,530	(1,240)
Oil	20,370	19,180	1,190	120,592	100,322	20,270
Navy	1,641	1,706	(65)	9,702	9,722	(20)
Other income	169	180	(10)	1,015	1,091	(76)
	34,073	33,135	938	201,600	182,665	18,935
Bad debts expense	87	87	0	520	519	0
Total operating revenues	33,986	33,048	938	201,080	182,146	18,935
Operating expenses:						
Production fuel	20,370	19,186	1,184	120,592	100,328	20,264
O & M expenses:						
Other production	1,868	1,498	370	11,473	7,860	3,613
Transmission distribution	1,150	1,094	57	7,029	6,481	548
Administrative expense	2,398	2,490	(92)	17,610	14,586	3,024
Customer accounting	588	470	118	2,633	2,521	112
	6,004	5,551	453	38,745	31,448	7,296
IPP costs	1,383	1,401	(18)	9,055	9,123	(68)
Depreciation	3,635	3,119	516	21,809	19,252	2,558
	31,392	29,257	2,135	190,202	160,151	30,051
Operating income	2,594	3,791	(1,197)	10,879	21,995	(11,116)
Other revenue (expenses):						
Investment income	99	(233)	332	592	1,227	(635)
Interest expense	(2,654)	(2,664)	10	(15,933)	(16,147)	214
AFUDC	61	199	(138)	365	1,417	(1,052)
Bond issuance costs/Other expenses	135	52	83	808	(2,337)	3,145
Net income before capital contribution	234	1,144	(911)	(3,290)	6,155	(9,445)
Grants from the U.S. Government	-	4	(4)	-	79	(79)
Increase (decrease) in net assets	234	1,148	(915)	(3,290)	6,233	(9,524)



Guam Power Authority
Debt service coverage
March 31, 2018

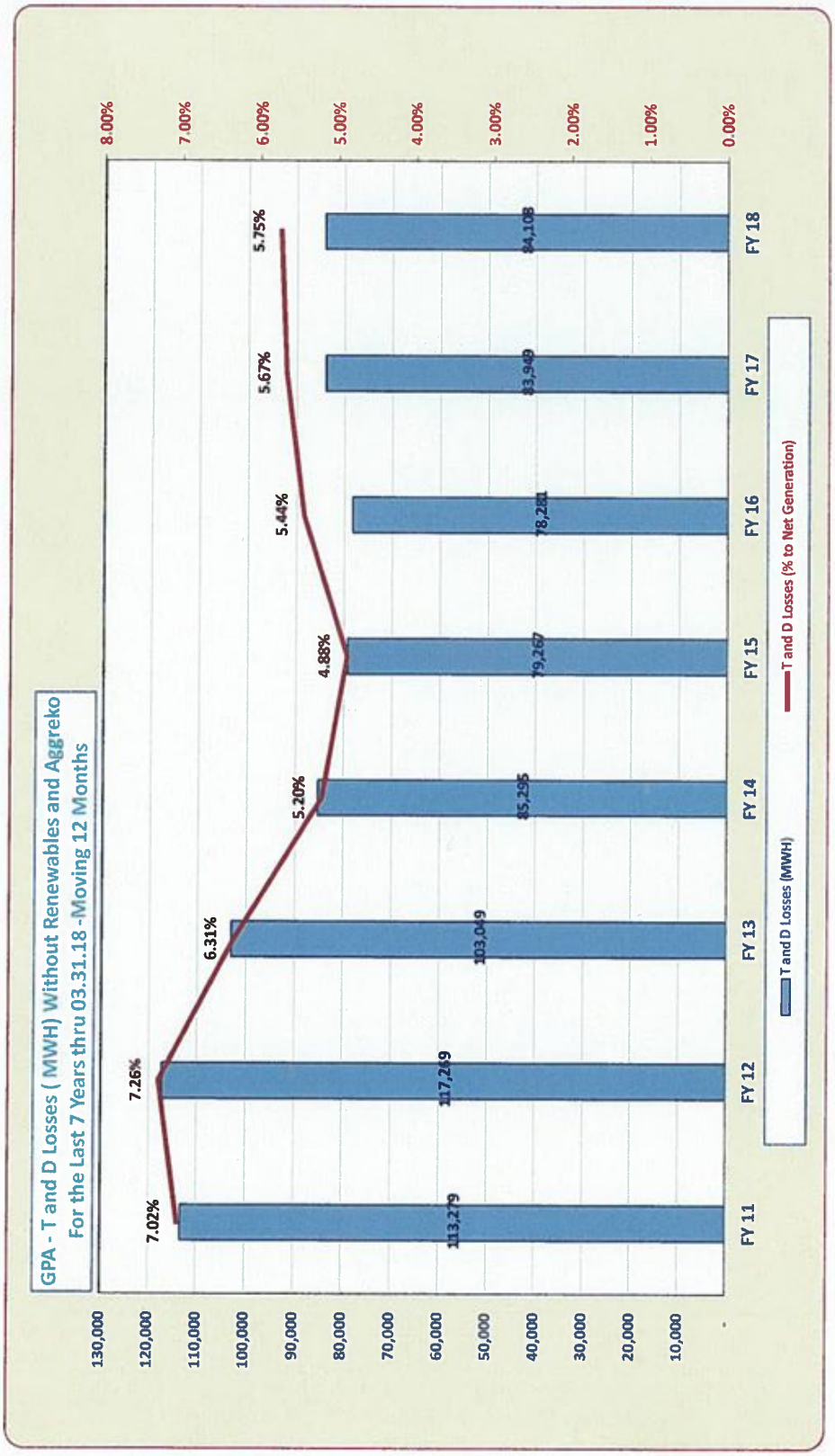
	2014	2015	Restated 2016	2017	YTD 2018
Funds Available for Debt Service					
Earnings from Operations	$40,895	$48,758	$37,981	$36,522	$21,995
Interest Income	$333	$368	$1,227	($32)	$1,004
Depreciation Expense	36,989	41,766	44,240	44,292	19,252
Balance Available for Debt Service	$78,217	$90,892	$83,448	$80,782	$42,251
IPP - Capital Costs					
Principal	$13,064	$18,144	$14,819	$21,263	$11,918
Interest	10,020	8,478	5,970	5,137	1,581
Total IPP Payments	$23,084	$26,622	$20,789	$26,400	$13,499
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	$0	$0	$0	$0	$0
Interest (1993 & 1999 Revenue Bond)	0	0	0	0	0
Principal and Interest (2010 Subordinate Bond)	15,193	9,605	0	0	0
Principal and Interest (2010 Senior TE Bond)	7,999	7,999	7,999	7,999	2,000
Principal and Interest (2012 Senior TE Bond)	17,455	17,096	17,098	17,449	8,543
Principal and Interest (2014 Senior TE Bond)		0	10	5,084	2,544
Principal and Interest (2017 Senior TE Bond)					2,098
Total	$40,647	$34,700	$25,107	$30,532	$15,185
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	2.17 x	2.56 x	2.50 x	1.78 x	1.89
Existing DSC Methodology (Senior+Subordinate)	1.36 x	1.85 x	2.50 x	1.78 x	1.89
Bond Covenant DSC	1.92 x	2.62 x	3.32 x	2.65 x	2.78
Debt Service Coverage Requirements					
Existing Ratemaking DSC Target	1.75 x	1.75 x	1.75 x	1.75 x	1.75
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30 x	1.30 x	1.30 x	1.30
Minimum Bond Covenant Requirement (Subordinate I	1.20 x	1.20 x	1.20 x	1.20 x	1.20

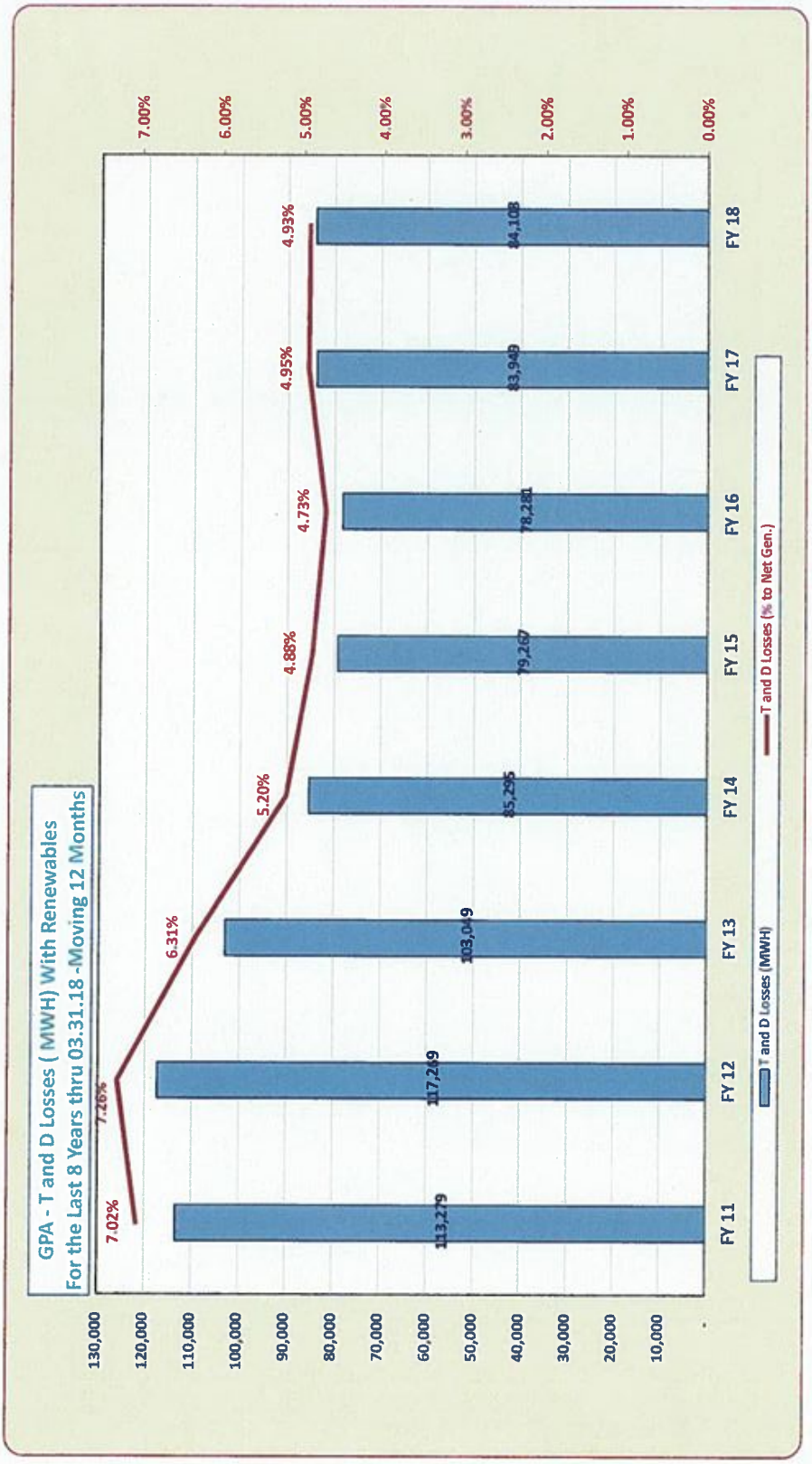
Notes:
(1) Source: Guam Power Authority, 2014 - 2017 Audited Financial Statements
(2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit.
(3) Existing DSC Methodology (Rating Agency Method):
(Operating Earnings + Depreciation Expense - IPP Principal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

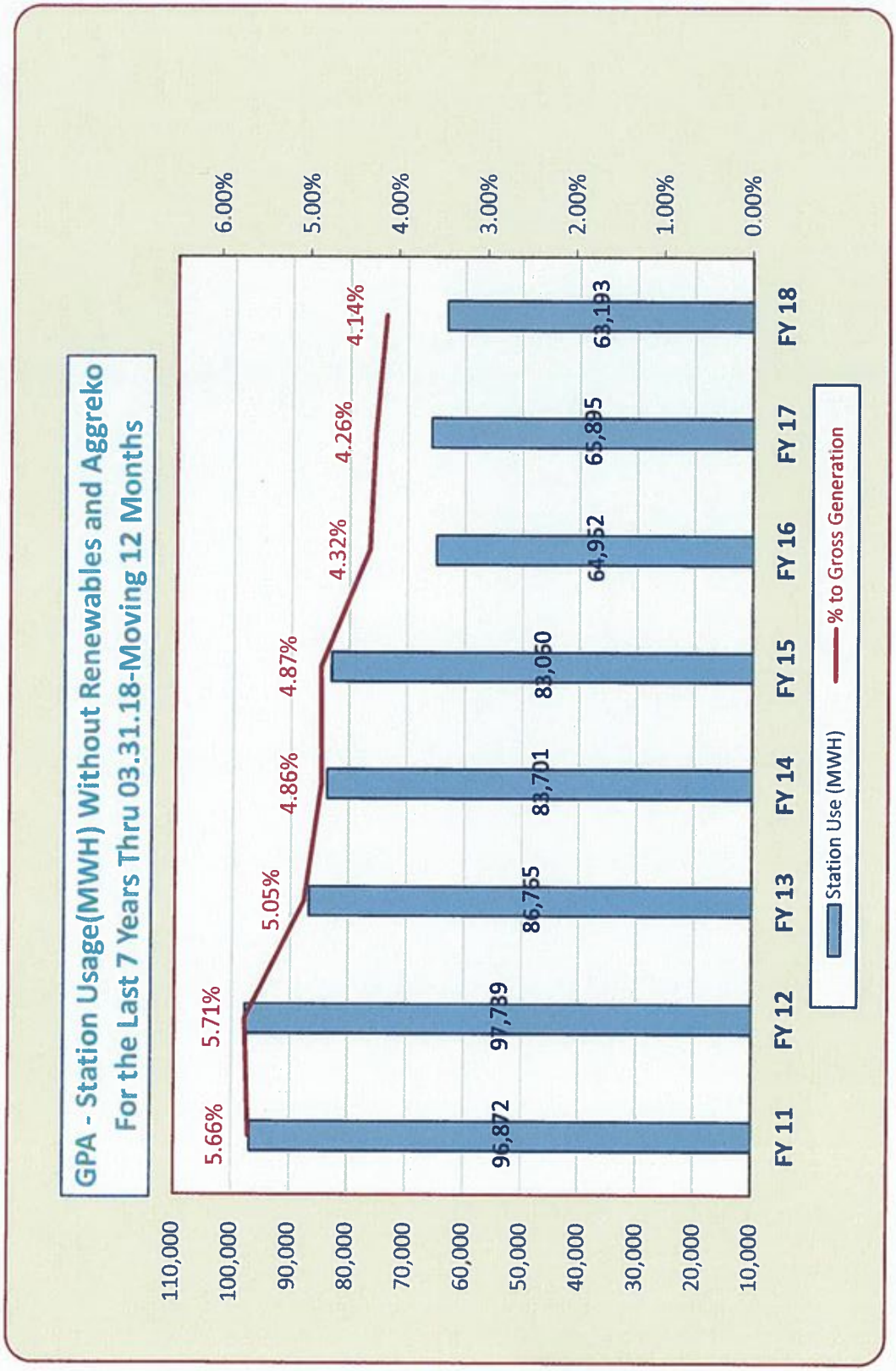
REVENUES-ACTUAL VS PROJECTIONS

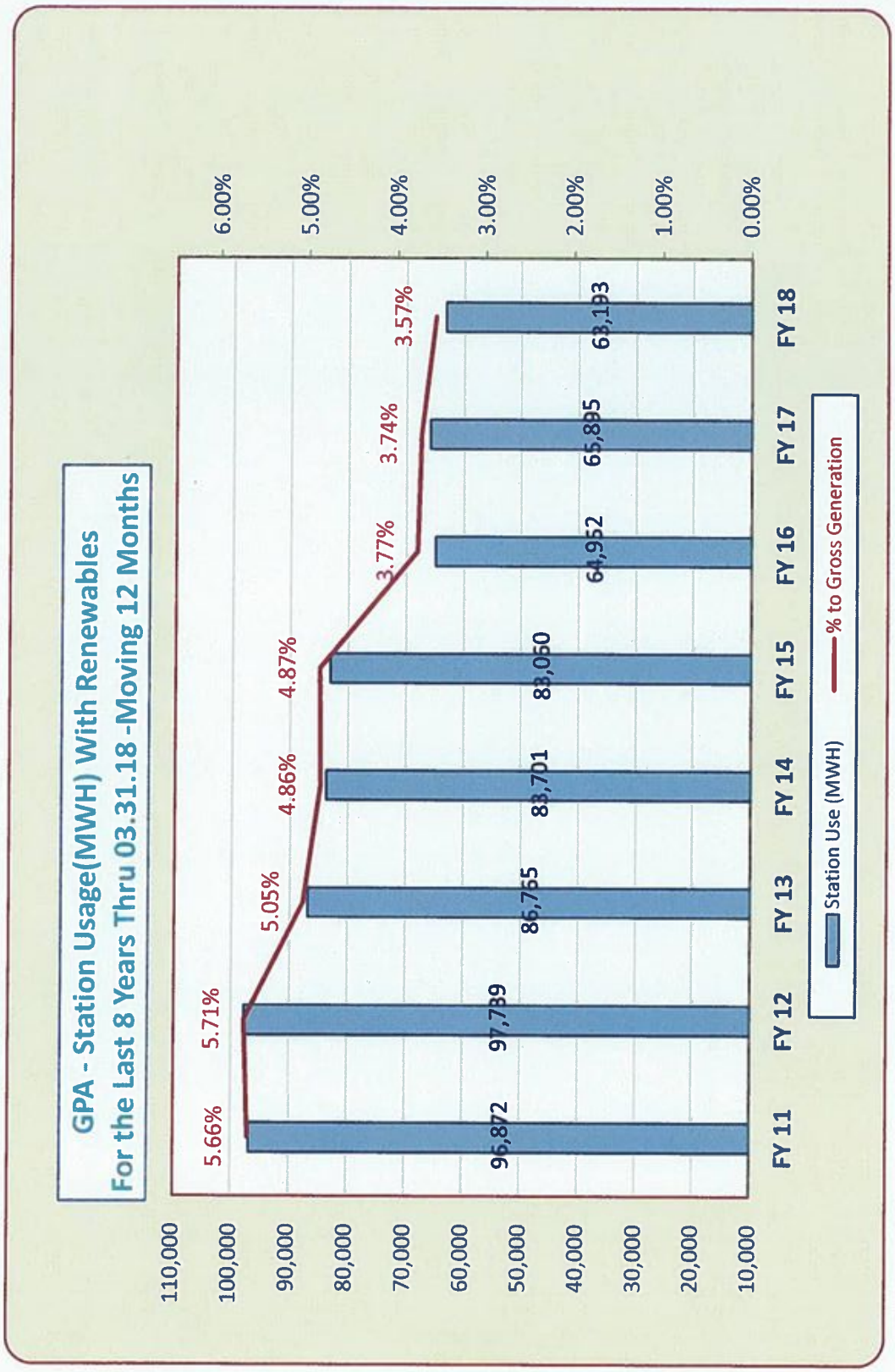
	MONTHLY - MARCH 2018				YTD THRU 03/31/2018			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	40,619,329	41,541,824	922,495	2.27%	239,902,366	248,796,200	8,893,834	3.71%
Small General-Non-Demand	7,196,101	6,976,607	(219,494)	-3.05%	41,198,949	41,058,895	(140,054)	-0.34%
Small General-Demand	15,558,703	15,917,309	358,605	2.30%	93,193,665	93,074,431	(119,235)	-0.13%
Large	26,164,226	26,155,199	(9,026)	-0.03%	158,015,458	156,408,481	(1,606,977)	-1.02%
Independent Power Producers	32,729	28,536	(4,193)	-12.81%	197,661	310,730	113,069	57.20%
Private St. Lites	56,106	32,791	(23,315)	-41.56%	331,680	201,578	(130,102)	-39.23%
Sub-total	**89,627,194**	**90,652,265**	**1,025,071**	**1.14%**	**532,839,779**	**539,850,315**	**7,010,536**	**1.32%**
Government								
Small_Non Demand	1,099,547	1,193,794	94,247	8.57%	6,473,828	7,340,385	866,557	13.39%
Small-Demand	8,279,422	7,889,205	(390,216)	-4.71%	47,609,096	47,815,506	206,410	0.43%
Large	6,147,788	6,226,210	78,423	1.28%	36,062,522	38,228,791	2,166,269	6.01%
Public St. Lites	865,032	743,499	(121,533)	-14.05%	4,901,203	4,308,590	(592,613)	-12.09%
Sub-total	**16,391,788**	**16,052,709**	**(339,079)**	**-2.07%**	**95,046,648**	**97,693,272**	**2,646,624**	**2.78%**
Total-Civilian	**106,018,982**	**106,704,974**	**685,992**	**0.65%**	**627,886,427**	**637,543,587**	**9,657,160**	**1.54%**
USN	26,568,285	25,988,485	(579,800)	-2.18%	157,055,887	156,166,216	(889,672)	-0.57%
Grand Total	**132,587,268**	**132,693,459**	**106,192**	**0.08%**	**784,942,314**	**793,709,803**	**8,767,488**	**1.12%**
					-	-		
Non-Oil Yield								
Residential	0.096203	0.097178	0.000975	1.01%	0.096203	0.096268	0.000065	0.07%
Small General-Non-Demand	0.136364	0.137700	0.001336	0.98%	0.136364	0.136795	0.000430	0.32%
Small General-Demand	0.119423	0.120839	0.001416	1.19%	0.119423	0.120073	0.000650	0.54%
Large	0.103705	0.104462	0.000758	0.73%	0.103705	0.103637	(0.000067)	-0.07%
Independent Power Producers	0.117983	0.117182	(0.000801)	0.00%	0.117983	0.107689	(0.010294)	0.00%
Private St. Lites	0.454278	0.639091	0.184813	40.68%	0.454278	0.631364	0.177086	38.98%
Sub-total	**0.105881**	**0.106755**	**0.000875**	**0.83%**	**0.105825**	**0.105796**	**(0.000029)**	**-0.03%**
Government	-				-			
Small_Non Demand	0.152255	0.151396	(0.000858)	-0.56%	0.152255	0.150002	(0.002253)	-1.48%
Small-Demand	0.135082	0.134762	(0.000320)	-0.24%	0.135082	0.134136	(0.000946)	-0.70%
Large	0.128102	0.128692	0.000590	0.46%	0.128102	0.126724	(0.001378)	-1.08%
Public St. Lites	0.380746	0.465686	0.084940	22.31%	0.380746	0.477187	0.096441	25.33%
Sub-total	**0.146580**	**0.148972**	**0.002391**	**1.63%**	**0.146271**	**0.147557**	**0.001286**	**0.88%**
Total-Civilian	**0.112173**	**0.113106**	**0.000933**	**0.83%**	**0.111948**	**0.112195**	**0.000247**	**0.22%**
USN	0.061774	0.065669	0.003895	6.31%	0.061774	0.062257	0.000483	0.78%
Grand Total	**0.102074**	**0.103816**	**0.001742**	**1.71%**	**0.101909**	**0.102370**	**0.000461**	**0.45%**
Non-Oil Revenues								
Residential	3,907,717	4,036,961	129,244	3.31%	23,079,421	23,951,125	871,704	3.78%
Small General-Non-Demand	981,291	960,680	(20,611)	-2.10%	5,618,064	5,616,639	(1,425)	-0.03%
Small General-Demand	1,858,069	1,923,433	65,364	3.52%	11,129,480	11,175,765	46,285	0.42%
Large	2,713,351	2,732,228	18,877	0.70%	16,386,936	16,209,732	(177,204)	-1.08%
Independent Power Producers	3,861	3,344	(518)	-13.40%	23,321	33,462	10,142	43.49%
Private St. Lites	25,488	20,956	(4,531)	-17.78%	150,675	127,269	(23,406)	-15.53%
Sub-total	**9,489,778**	**9,677,603**	**187,825**	**1.98%**	**56,387,896**	**57,113,992**	**726,096**	**1.29%**
Government								
Small_Non Demand	167,411	180,736	13,325	7.96%	985,670	1,101,071	115,402	11.71%
Small-Demand	1,118,399	1,063,161	(55,238)	-4.94%	6,431,122	6,413,759	(17,363)	-0.27%
Large	787,544	801,265	13,721	1.74%	4,619,683	4,844,492	224,809	4.87%
Public St. Lites	329,358	346,237	16,879	5.12%	1,866,114	2,056,004	189,889	10.18%
Sub-total	**2,402,712**	**2,391,399**	**(11,313)**	**-0.47%**	**13,902,589**	**14,415,326**	**512,737**	**3.69%**
Total-Civilian	**11,892,490**	**12,069,002**	**176,512**	**1.48%**	**70,290,484**	**71,529,318**	**1,238,834**	**1.76%**
USN	1,641,228	1,706,643	65,415	3.99%	9,701,964	9,722,486	20,522	0.21%
Grand Total	**13,533,718**	**13,775,645**	**241,927**	**1.79%**	**79,992,449**	**81,251,804**	**1,259,356**	**1.57%**
% of Total Revenues	39.92%	41.80%			39.88%	44.75%		
Oil Revenues								
Residential	6,240,439	6,117,698	(122,741)	-1.97%	36,856,744	32,243,564	(4,613,180)	-12.52%
Small General-Non-Demand	1,105,553	1,027,417	(78,136)	-7.07%	6,329,488	5,330,406	(999,082)	-15.78%
Small General-Demand	2,390,319	2,343,297	(47,022)	-1.97%	14,317,554	12,038,910	(2,278,643)	-15.92%
Large	4,019,669	3,833,455	(186,214)	-4.63%	24,276,273	19,867,884	(4,408,389)	-18.16%
Independent Power Producers	5,028	4,062	(966)	-19.21%	30,387	36,988	6,621	21.80%
Private St. Lites	8,620	4,829	(3,791)	-43.98%	50,957	25,656	(25,301)	-49.65%
Sub-total	**13,769,629**	**13,330,758**	**(438,870)**	**-3.19%**	**81,861,382**	**69,543,407**	**(12,317,975)**	**-15.05%**
Government								
Small_Non Demand	168,926	175,805	6,879	4.07%	994,589	932,488	(62,101)	-6.24%
Small-Demand	1,271,986	1,161,812	(110,175)	-8.66%	7,314,293	6,079,849	(1,234,445)	-16.88%
Large	944,499	906,004	(38,495)	-4.08%	5,540,367	4,800,083	(740,284)	-13.36%
Public St. Lites	132,897	109,492	(23,405)	-17.61%	752,983	548,956	(204,027)	-27.10%
Sub-total	**2,518,308**	**2,353,113**	**(165,195)**	**-6.56%**	**14,602,232**	**12,361,375**	**(2,240,857)**	**-15.35%**
Total-Civilian	**16,287,936**	**15,683,871**	**(604,065)**	**-3.71%**	**96,463,614**	**81,904,782**	**(14,558,832)**	**-15.09%**
USN	4,081,746	3,496,300	(585,445)	-14.34%	24,128,852	18,417,623	(5,711,229)	-23.67%
Grand Total	**20,369,682**	**19,180,172**	**(1,189,511)**	**-5.84%**	**120,592,466**	**100,322,406**	**(20,270,060)**	**-16.81%**
% of Total Revenues	60.08%	58.20%			60.12%	55.25%		
Grand Total								
Residential	10,148,157	10,154,660	6,503	0.06%	59,936,165	56,194,689	(3,741,475)	-6.24%
Small General-Non-Demand	2,086,844	1,988,097	(98,747)	-4.73%	11,947,551	10,947,044	(1,000,507)	-8.37%
Small General-Demand	4,248,388	4,266,730	18,342	0.43%	25,447,034	23,214,676	(2,232,358)	-8.77%
Large	6,733,021	6,565,683	(167,338)	-2.49%	40,663,208	36,077,615	(4,585,593)	-11.28%
Independent Power Producers	8,890	7,406	(1,483)	-16.69%	53,688	70,450	16,762	31.22%
Private St. Lites	34,108	25,785	(8,322)	-24.40%	201,632	152,925	(48,706)	-24.16%
Sub-total	**23,259,407**	**23,008,362**	**(251,045)**	**-1.08%**	**138,249,278**	**126,657,399**	**(11,591,878)**	**-8.38%**
Government					-			
Small_Non Demand	336,337	356,541	20,204	6.01%	1,980,258	2,033,559	53,300	2.69%
Small-Demand	2,390,385	2,224,973	(165,412)	-6.92%	13,745,415	12,493,608	(1,251,808)	-9.11%
Large	1,732,043	1,707,269	(24,774)	-1.43%	10,160,050	9,644,575	(515,474)	-5.07%
Public St. Lites	462,255	455,729	(6,526)	-1.41%	2,619,097	2,604,959	(14,138)	-0.54%
Sub-total	**4,921,020**	**4,744,512**	**(176,508)**	**-3.59%**	**28,504,821**	**26,776,701**	**(1,728,120)**	**-6.06%**
Total-Civilian	**28,180,426**	**27,752,874**	**(427,553)**	**-1.52%**	**166,754,098**	**153,434,100**	**(13,319,998)**	**-7.99%**
USN	5,722,974	5,202,943	(520,031)	-9.09%	33,830,816	28,140,109	(5,690,707)	-16.82%
Grand Total	**33,903,401**	**32,955,817**	**(947,584)**	**-2.79%**	**200,584,914**	**181,574,210**	**(19,010,705)**	**-9.48%**
	-	-	-					

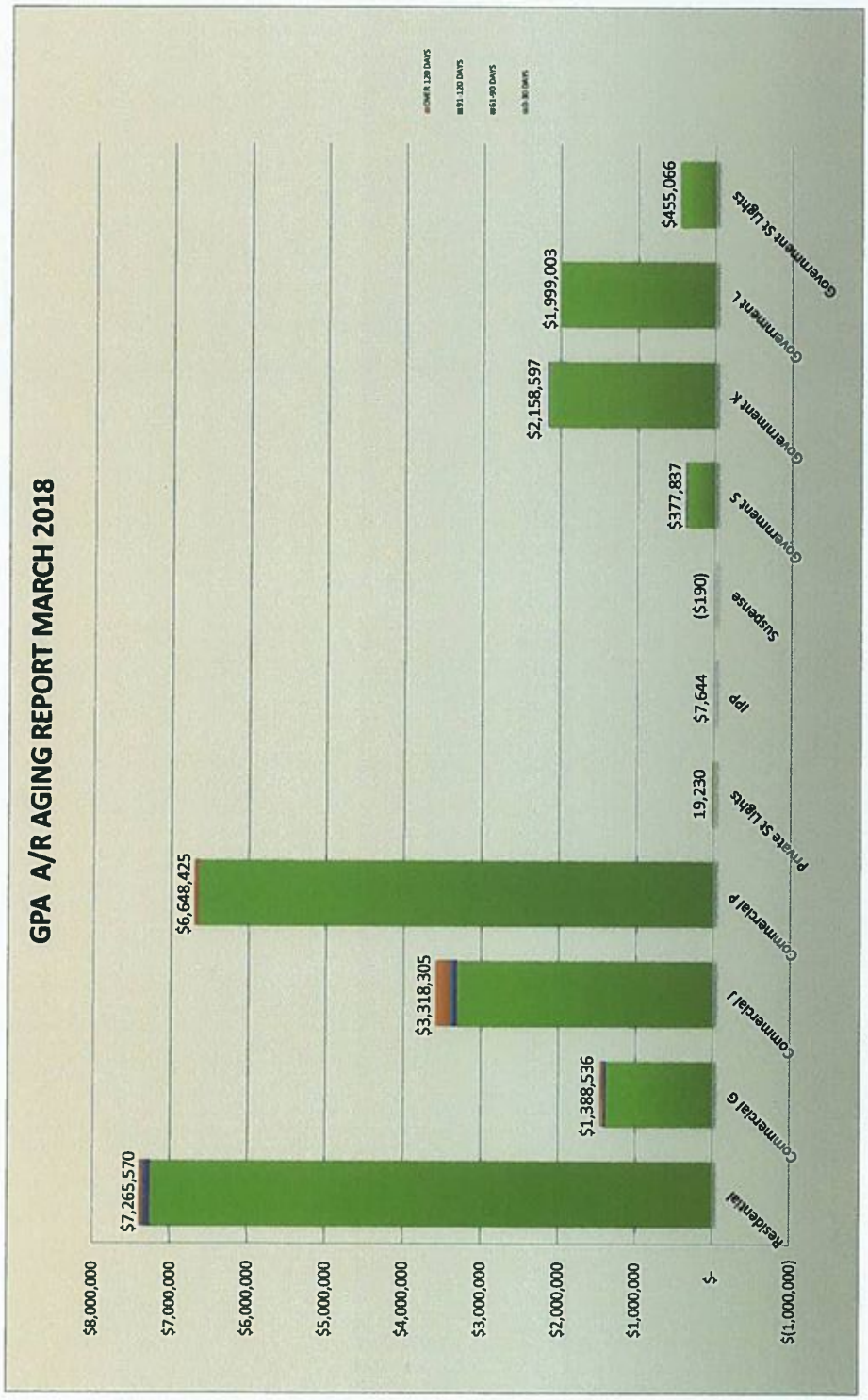
	YTD REVENUES - CURRENT YEAR VS PRIOR YEAR				MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
	ACTUALS - 6 MONTHS ENDED MARCH 31				ACTUALS - MONTH ENDED MARCH 31			
	2018	2017	VARIANCE	% VARIANCE	2018	2017	VARIANCE	% VARIANCE
KWH								
Residential	248,796,200	240,570,451	8,225,749	3.42%	41,541,824	40,911,781	630,043	1.54%
Small General-Non-Demand	41,058,895	40,594,512	464,383	1.14%	6,976,607	6,767,505	209,102	3.09%
Small General-Demand	93,074,431	93,306,665	(232,234)	-0.25%	15,917,309	16,300,307	(382,998)	-2.35%
Large	156,408,481	155,603,304	805,177	0.52%	26,155,199	26,173,462	(18,263)	-0.07%
Independent Power Producers	310,730	518,040	(207,310)	-40.02%	28,536	83,841	(55,306)	-65.96%
Private St. Lites	201,578	244,710	(43,131)	-17.63%	32,791	34,097	(1,306)	-3.83%
Sub-total	**539,850,315**	**530,837,682**	**9,012,633**	**1.70%**	**90,652,265**	**90,270,993**	**381,272**	**0.42%**
Government								
Small_Non Demand	7,340,385	6,641,796	698,589	10.52%	1,193,794	1,123,675	70,119	6.24%
Small-Demand	47,815,506	48,438,749	(623,243)	-1.29%	7,889,205	8,171,598	(282,393)	-3.46%
Large	38,228,791	36,763,223	1,465,568	3.99%	6,226,210	6,340,287	(114,077)	-1.80%
Public St. Lites	4,308,590	4,966,126	(657,536)	-13.24%	743,499	829,968	(86,469)	-10.42%
Sub-total	**97,693,272**	**96,809,894**	**883,378**	**0.91%**	**16,052,709**	**16,465,529**	**(412,820)**	**-2.51%**
Total-Civilian	**637,543,587**	**627,647,576**	**9,896,011**	**1.58%**	**106,704,974**	**106,736,522**	**(31,548)**	**-0.03%**
USN	156,166,216	158,051,383	(1,885,167)	-1.19%	25,988,485	28,394,970	(2,406,485)	-8.48%
Grand Total	**793,709,803**	**785,698,959**	**8,010,844**	**1.02%**	**132,693,459**	**135,131,492**	**(2,438,033)**	**-1.80%**
Non-Oil Yield								
Residential	0.096268	0.096793	-0.000525	-0.54%	0.097178	0.096741	0.000438	0.45%
Small General-Non-Demand	0.136795	0.137734	-0.000939	-0.68%	0.137700	0.138446	-0.000746	-0.54%
Small General-Demand	0.120073	0.120794	-0.000720	-0.60%	0.120839	0.120398	0.000441	0.37%
Large	0.103637	0.102927	0.000710	0.69%	0.104462	0.100708	0.003754	3.73%
Independent Power Producers	0.000000	0.112478	-0.112478	-100.00%	0.117182	0.106449	0.010733	10.08%
Private St. Lites	0.631364	0.548446	0.082918	15.12%	0.639091	0.628506	0.010585	1.68%
Sub-total	**0.105796**	**0.106164**	**-0.000368**	**-0.35%**	**0.106755**	**0.105499**	**0.001256**	**1.19%**
Government								
Small_Non Demand	0.150002	0.152667	-0.002665	-1.75%	0.151396	0.152342	-0.000946	-0.62%
Small-Demand	0.134136	0.135159	-0.001024	-0.76%	0.134762	0.134397	0.000365	0.27%
Large	0.126724	0.126570	0.000154	0.12%	0.128692	0.125590	0.003102	2.47%
Public St. Lites	0.477187	0.460370	0.016817	3.65%	0.465686	0.433924	0.031762	7.32%
Sub-total	**0.147557**	**0.149781**	**-0.002224**	**-1.48%**	**0.148972**	**0.147328**	**0.001643**	**1.12%**
Total-Civilian	**0.112195**	**0.112891**	**-0.000696**	**-0.62%**	**0.113106**	**0.111952**	**0.001154**	**1.03%**
USN	0.062257	0.063020	-0.000762	-1.21%	0.065669	0.076548	-0.010878	-14.21%
Grand Total	**0.102370**	**0.102859**	**-0.000490**	**-0.48%**	**0.103816**	**0.104512**	**-0.000697**	**-0.67%**
Non-Oil Revenues								
Residential	23,951,125	23,285,429	665,696	2.86%	4,036,961	3,957,834	79,127	2.00%
Small General-Non-Demand	5,616,639	5,591,231	25,408	0.45%	960,680	936,936	23,744	2.53%
Small General-Demand	11,175,765	11,270,877	(95,112)	-0.84%	1,923,433	1,962,520	(39,087)	-1.99%
Large	16,209,732	16,015,737	193,995	1.21%	2,732,228	2,635,873	96,355	3.66%
Independent Power Producers	33,462	58,268	(24,806)	-42.57%	3,344	8,925	(5,581)	-62.53%
Private St. Lites	127,269	134,210	(6,941)	-5.17%	20,956	21,430	(473)	-2.21%
Sub-total	**57,113,992**	**56,355,751**	**758,241**	**1.35%**	**9,677,603**	**9,523,517**	**154,086**	**1.62%**
Government								
Small_Non Demand	1,101,071	1,013,984	87,088	8.59%	180,736	171,183	9,553	5.58%
Small-Demand	6,413,759	6,546,948	(133,189)	-2.03%	1,063,161	1,098,235	(35,074)	-3.19%
Large	4,844,492	4,653,113	191,379	4.11%	801,265	796,279	4,986	0.63%
Public St. Lites	2,056,004	2,286,254	(230,250)	-10.07%	346,237	360,143	(13,906)	-3.86%
Sub-total	**14,415,326**	**14,500,299**	**(84,973)**	**-0.59%**	**2,391,399**	**2,425,840**	**(34,441)**	**-1.42%**
Total-Civilian	**71,529,318**	**70,856,051**	**673,267**	**0.95%**	**12,069,002**	**11,949,357**	**119,645**	**1.00%**
USN	9,722,486	9,960,343	(237,857)	-2.39%	1,706,643	2,173,566	(466,923)	-21.48%
Grand Total	**81,251,804**	**80,816,394**	**435,410**	**0.54%**	**13,775,645**	**14,122,923**	**(347,278)**	**-2.46%**
% of Total Revenues								
Oil Revenues								
Residential	32,243,564	22,587,883	9,655,681	42.75%	6,117,698	4,297,823	1,819,875	42.34%
Small General-Non-Demand	5,330,406	3,817,706	1,512,700	39.62%	1,027,417	710,933	316,484	44.52%
Small General-Demand	12,038,910	8,748,761	3,290,150	37.61%	2,343,297	1,711,784	631,513	36.89%
Large	19,867,884	14,452,591	5,415,293	37.47%	3,833,455	2,734,412	1,099,043	40.19%
Independent Power Producers	36,988	48,064	(11,076)	-23.04%	4,062	8,526	(4,464)	-52.35%
Private St. Lites	25,656	22,420	3,236	14.43%	4,829	3,582	1,247	34.82%
Sub-total	**69,543,407**	**49,677,424**	**19,865,983**	**39.99%**	**13,330,758**	**9,467,060**	**3,863,698**	**40.81%**
Government								
Small_Non Demand	932,488	614,360	318,128	51.78%	175,805	118,043	57,762	48.93%
Small-Demand	6,079,849	4,482,213	1,597,636	35.64%	1,161,812	858,435	303,377	35.34%
Large	4,800,083	3,413,304	1,386,780	40.63%	906,004	658,411	247,592	37.60%
Public St. Lites	548,956	458,479	90,476	19.73%	109,492	87,189	22,303	25.58%
Sub-total	**12,361,375**	**8,968,355**	**3,393,020**	**37.83%**	**2,353,113**	**1,722,078**	**631,035**	**36.64%**
Total-Civilian	**81,904,782**	**58,645,779**	**23,259,004**	**39.66%**	**15,683,871**	**11,189,138**	**4,494,733**	**40.17%**
USN	18,417,623	15,366,119	3,051,504	19.86%	3,496,300	3,058,942	437,358	14.30%
Grand Total	**100,322,406**	**74,011,898**	**26,310,507**	**35.55%**	**19,180,172**	**14,248,081**	**4,932,091**	**34.62%**
% of Total Revenues								
Grand Total								
Residential	56,194,689	45,873,312	10,321,377	22.50%	10,154,660	8,255,658	1,899,002	23.00%
Small General-Non-Demand	10,947,044	9,408,937	1,538,107	16.35%	1,988,097	1,647,869	340,228	20.65%
Small General-Demand	23,214,676	20,019,638	3,195,038	15.96%	4,266,730	3,674,304	592,426	16.12%
Large	36,077,615	30,468,327	5,609,288	18.41%	6,565,683	5,370,285	1,195,398	22.26%
Independent Power Producers	70,450	106,332	(35,882)	-33.75%	7,406	17,451	(10,045)	-57.56%
Private St. Lites	152,925	156,630	(3,705)	-2.37%	25,785	25,012	774	3.09%
Sub-total	**126,657,399**	**106,033,175**	**20,624,224**	**19.45%**	**23,008,362**	**18,990,578**	**4,017,784**	**21.16%**
Government								
Small_Non Demand	2,033,559	1,628,343	405,216	24.89%	356,541	289,226	67,315	23.27%
Small-Demand	12,493,608	11,029,161	1,464,447	13.28%	2,224,973	1,956,670	268,303	13.71%
Large	9,644,575	8,066,417	1,578,158	19.56%	1,707,269	1,454,690	252,578	17.36%
Public St. Lites	2,604,959	2,744,733	(139,774)	-5.09%	455,729	447,332	8,397	1.88%
Sub-total	**26,776,701**	**23,468,654**	**3,308,047**	**14.10%**	**4,744,512**	**4,147,918**	**596,594**	**14.38%**
Total-Civilian	**153,434,100**	**129,501,829**	**23,932,271**	**18.48%**	**27,752,874**	**23,138,496**	**4,614,378**	**19.94%**
USN	28,140,109	25,326,463	2,813,647	11.11%	5,202,943	5,232,508	(29,564)	-0.57%
Grand Total	**181,574,210**	**154,828,292**	**26,745,918**	**17.27%**	**32,955,817**	**28,371,004**	**4,584,813**	**16.16%**
	-	-				-		


GPA - T and D Losses (MWH) Without Renewables and Aggreko
For the Last 7 Years thru 03.31.18 -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%
7.02%
7.26%
6.31%
5.20%
4.88%
5.44%
5.67%
5.75%
113,279
117,249
103,049
85,295
79,267
78,281
83,949
84,108
FY 11
FY 12
FY 13
FY 14
FY 15
FY 16
FY 17
FY 18
T and D Losses (MWH)
T and D Losses (% to Net Generation)


GPA - T and D Losses (MWH) With Renewables
For the Last 8 Years thru 03.31.18 -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
7.00%
6.00%
5.00%
4.00%
3.00%
2.00%
1.00%
0.00%
7.02%
7.26%
6.31%
5.20%
4.88%
4.73%
4.95%
4.93%
113,279
117,249
103,049
85,295
79,267
78,281
83,949
84,108
FY 11
FY 12
FY 13
FY 14
FY 15
FY 16
FY 17
FY 18
T and D Losses (MWH)
T and D Losses (% to Net Gen.)


GPA - Station Usage(MWH) Without Renewables and Aggreko
For the Last 7 Years Thru 03.31.18-Moving 12 Months
110,000
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%
5.66%
5.71%
5.05%
4.86%
4.87%
4.32%
4.26%
4.14%
96,872
97,739
86,755
83,701
83,050
64,952
65,895
63,193
FY 11
FY 12
FY 13
FY 14
FY 15
FY 16
FY 17
FY 18
Station Use (MWH)
% to Gross Generation


GPA - Station Usage(MWH) With Renewables
For the Last 8 Years Thru 03.31.18 -Moving 12 Months
110,000
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%
5.66%
5.71%
5.05%
4.86%
4.87%
3.77%
3.74%
3.57%
96,872
97,739
86,765
83,701
83,050
64,952
65,895
63,193
FY 11
FY 12
FY 13
FY 14
FY 15
FY 16
FY 17
FY 18
Station Use (MWH)
% to Gross Generation


GPA A/R AGING REPORT MARCH 2018
$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)
OVER 120 DAYS
91-120 DAYS
61-90 DAYS
0-30 DAYS
$7,265,570
$6,648,425
$3,318,305
$1,388,536
19,230
$7,644
($190)
$377,837
$2,158,597
$1,999,003
$455,066
Residential
Commercial G
Commercial J
Commercial P
Private St Lights
IPP
Suspense
Government S
Government K
Government L
Government St Lights

GUAM POWER AUTHORITY

GOVERNMENT ACCOUNTS RECEIVABLE

BILLING UP TO 04/30/2018 and Payment Applied as of 05/11/2018

Current (12/17 Billing due 01/31/18
30 days Arrears (11/17 due 12/15/17)
60 days and over Arrears (10/17 billing due 11/15/17)

CC&B ACCT NUMBER	DEPARTMENT	BALANCE 3/31/2018	CANCEL/REBILL/ SPEC CHARGE 4/30/2018	BILLING 4/30/2018	PAYMENT 4/30/2018	BALANCE 4/30/2018	
	Line Agencies						
0237100000	Dept. of Corrections	$ 78,962.97	$ -	$ 84,211.65	$ (78,962.97)	$ 84,211.65	
0437100000	Dept. of Parks & Rec.	$ 17,595.10	$ 125.00	$ 17,167.88	$ (17,595.10)	$ 17,292.88	
0537100000	Guam Fire Department	$ 16,345.53	$ -	$ 17,949.62	$ (16,345.53)	$ 17,949.62	
6995000000	DOA Supply Mgmt	$ 1,490.30	$ -	$ 1,661.53	$ (1,490.30)	$ 1,661.53	
7895000000	Dept. of Administration	$ 3,616.58	$ -	$ 3,738.09	$ (3,616.58)	$ 3,738.09	
1337100000	Nieves Flores Library	$ 9,753.22	$ -	$ 10,140.05	$ (9,753.22)	$ 10,140.05	
2206200000	General Services Agency	$ 262.27	$ -	$ 259.84	$ (262.27)	$ 259.84	
2237100000	DOA-Data Processing	$ 7,940.77	$ -	$ 8,499.94	$ (7,940.77)	$ 8,499.94	
2337100000	Dept. of PH&SS	$ 68,993.14	$ -	$ 72,161.11	$ (68,993.14)	$ 72,161.11	
3237100000	Dept. of Education	$ 1,043,552.69	$ 277.38	$ 1,126,728.21	$ (1,006,568.70)	$ 1,163,989.58	
3337100000	Guam Police Department	$ 36,200.15	$ -	$ 38,402.79	$ (36,200.15)	$ 38,402.79	
3569100000	Dept of Youth Affairs (Federal)	$ 963.21	$ (9.56)	$ 972.74	$ (963.21)	$ 963.18	
4437100000	Dept. of Youth Affair* (Local)	$ 11,309.39	$ -	$ 11,968.68	$ (11,309.39)	$ 11,968.68	
4737100000	Guam Environmental Protect	$ 6,421.34	$ -	$ 6,712.26	$ (6,421.34)	$ 6,712.26	
5437100000	Mental Health/Subst.	$ 40,358.46	$ -	$ 43,933.04	$ (40,358.46)	$ 43,933.04	
7200300000	Veteran Affairs	$ 839.65	$ -	$ 918.33	$ (839.65)	$ 918.33	
7437100000	Civil Defense (Military Affairs)	$ 29,802.12	$ -	$ 11,104.99	$ (29,802.12)	$ 11,104.99	
7463300000	Pacific Energy Resource Center	$ 657.22	$ -	$ 664.44	$ (657.22)	$ 664.44	
8137100000	Dept. of Agriculture	$ 10,125.19	$ -	$ 10,322.02	$ (10,125.19)	$ 10,322.02	
8337100000	DPW-FAC Adm Account	$ 23,551.99	$ -	$ 24,233.71	$ (23,551.99)	$ 24,233.71	
8437100000	Guam Visitors Bureau	$ 4,304.05	$ -	$ 4,717.98	$ (9,022.03)	$ -	
8446300000	Yona Senior Citizen Center	$ 831.98	$ -	$ 925.87	$ (831.98)	$ 925.87	
9437100000	Dept of Chamorro Affairs/Chamorro Village	$ 4,243.90	$ -	$ 4,387.01	$ (4,243.90)	$ 4,387.01	
5247210000	Mayors Council	$ 2,486.43	$ -	$ 2,506.16	$ (2,486.43)	$ 2,506.16	
6293410000	Office of the Governor	$ 21,948.85	$ -	$ 22,901.52	$ (21,948.85)	$ 22,901.52	
8555858369	Dept of Chamorro Affairs (Guam Museum)	$ 21,387.60		$ 22,657.10	$ (21,387.60)	$ 22,657.10	
	Sub Total	**$ 1,463,944.10**	**$ 392.82**	**$ 1,549,846.56**	**$ (1,431,678.09)**	**$ 1,582,505.39**	
	MAYORS						
0637100000	Santa Rita Mayor	$ 3,634.62	$ -	$ 3,998.76	$ (3,634.62)	$ 3,998.76	
0737100000	Ordot/Chalan Pago Mayor	$ 1,794.43	$ -	$ 1,801.81	$ (1,794.43)	$ 1,801.81	
1537100000	Hagatna Mayor	$ 1,509.34	$ -	$ 1,491.41	$ (1,509.34)	$ 1,491.41	
1637100000	Piti Mayor	$ 1,299.62	$ -	$ 1,280.51	$ (1,299.62)	$ 1,280.51	
1737100000	Mongmong/Toto/Maite Mayor	$ 1,016.33	$ -	$ 1,040.96	$ (1,016.33)	$ 1,040.96	
2637100000	Asan/Maina/Adelup Mayor	$ 907.71	$ -	$ 989.76	$ (907.71)	$ 989.76	
2737100000	Sinajana Mayor	$ 4,624.88	$ -	$ 4,495.20	$ (4,624.88)	$ 4,495.20	
3637100000	Dededo Mayor	$ 6,053.70	$ -	$ 6,685.01	$ (6,053.70)	$ 6,685.01	
4637100000	Yigo Mayor	$ 3,898.60	$ -	$ 3,412.88	$ (3,898.60)	$ 3,412.88	
5637100000	Umatac Mayor	$ 1,741.55	$ -	$ 1,161.78	$ (1,741.55)	$ 1,161.78	
6537100000	Agana Hts. Mayor	$ 5,343.60	$ -	$ 6,126.12	$ (5,343.60)	$ 6,126.12	
6637100000	Merizo Mayor	$ 972.83	$ -	$ 802.25	$ (972.83)	$ 802.25	
6737100000	Barrigada Mayors Office	$ 2,165.37	$ -	$ 2,256.41	$ (2,165.37)	$ 2,256.41	
7537100000	Agat Mayor	$ 2,112.30	$ -	$ 2,257.30	$ (2,112.30)	$ 2,257.30	
7637100000	Inarajan Mayor	$ 1,694.72	$ 25.00	$ 1,897.81	$ (1,694.72)	$ 1,922.81	
8537100000	Tamuning Mayor	$ 5,757.46	$ -	$ 5,859.90	$ (5,757.46)	$ 5,859.90	
8637100000	Talofofo Mayor	$ 1,904.08	$ 1,637.04	$ 2,840.06	$ (1,904.08)	$ 4,477.10	
9537100000	Mangilao Mayor	$ 4,845.57	$ -	$ 4,645.92	$ (4,845.57)	$ 4,645.92	
9637100000	Yona Mayor	$ 742.66	$ -	$ 884.18	$ (742.66)	$ 884.18	
	Sub Total	**$ 52,019.37**	**$ 1,662.04**	**$ 53,928.03**	**$ (52,019.37)**	**$ 55,590.07**	
	DPW ACCOUNTS						
4337100000	DPW-Village St. Lights	$ 339,323.00	$ 19,444.69	$ 337,450.06	$ (339,323.00)	$ 356,894.75	
5337100000	DPW- Primary St. Lights	$ 84,801.41		$ 84,088.60	$ (84,801.41)	$ 84,088.60	
6337100000	DPW-Sec/Coll St. Lights	$ 25,914.58	$ -	$ 25,657.76	$ (25,914.58)	$ 25,657.76	
7337100000	DPW-Signal Lights	$ 10,511.81		$ 10,684.00	$ (10,511.81)	$ 10,684.00	
	Sub Total	**$ 460,550.80**	**$ 19,444.69**	**$ 457,880.42**	**$ (460,550.80)**	**$ 477,325.11**	

	(B) AUTONOMOUS/PUBLIC CORP						
1437100000	Retirement Fund	$ 4,540.90		$ 4,414.53	$ (4,540.90)	$ 4,414.53	
1915500000	Guam Housing Corp Rental Division	$ 4,021.38	$ 16.00	$ 1,486.46	$ (1,887.88)	$ 3,635.96	1
2437100000	University of Guam	$ 185,927.98	$ -	$ 192,911.80	$ (378,839.78)	$ -	
4237100000	Guam Airport Authority	$ 523,858.31	$ -	$ 515,837.37	$ (523,858.31)	$ 515,837.37	
5357510000	University of Guam (NET METERED)	$ 81,823.87	$ -	$ 83,286.94	$ (165,110.81)	$ -	
6237100000	G H U R A	$ 12,822.30	$ -	$ 25,617.66	$ (24,866.65)	$ 13,573.31	
6437100000	Guam Community College	$ 53,872.27	$ 404.07	$ 52,072.39	$ (53,872.27)	$ 52,476.46	
7237100000	Guam Memorial Hospital	$ 502,518.36	$ 1,334.25	$ 175,777.16	$ (331,284.37)	$ 348,345.40	1
9137100000	Port Authority of Guam	$ 94,969.84	$ 0.75	$ 103,753.38	$ (94,869.84)	$ 103,854.13	
9157510000	Guam Community College (NET METERED)	$ 38,490.54	$ 288.68	$ 39,732.19	$ (38,490.54)	$ 40,020.87	
9173210000	Guam Solid Waste Authority	$ 5,752.47	$ -	$ 6,089.48	$ (5,752.47)	$ 6,089.48	
9337100000	Guam Waterworks Authority	$ 1,275,114.98	$ -	$ 1,275,268.46	$ (1,275,114.98)	$ 1,275,268.46	
8237100000	GPA	$ -			$ -	$ -	
	Sub Total	**$ 2,783,713.20**	**$ 2,043.75**	**$ 2,476,247.82**	**$ (2,898,488.80)**	**$ 2,363,515.97**	
	(C) OTHERS						
0337100000	Guam Legislature	$ 100.79		$ 69.49	$ (100.79)	$ 69.49	
9503154359	Guam Legislature (NET METER)	$ 5,924.79		$ 6,211.94	$ (5,924.79)	$ 6,211.94	
1237100000	Superior Court of Guam	$ 72,583.33		$ 75,914.82	$ (72,583.33)	$ 75,914.82	
2537100000	Agana (Guam) Post Office	$ 5,790.49		$ 6,090.40	$ (5,790.49)	$ 6,090.40	
2570200000	Customs & Quarantine Agency	$ 935.66		$ 1,068.24	$ (935.66)	$ 1,068.24	
3537100000	U.S. Post Office	$ 43,722.50		$ 45,129.94	$ (43,722.50)	$ 45,129.94	
5537100000	Dept. of Military Affairs	$ 73,447.37		$ 76,193.64	$ (73,447.37)	$ 76,193.64	
3209463043	Dept. of Military Affairs	$ 15,675.05		$ 15,813.42	$ (15,675.05)	$ 15,813.42	
5737100000	KGTF	$ 7,787.92		$ 6,679.40	$ (7,787.92)	$ 6,679.40	
7281000000	Tamuning Post Office	$ 4,596.59		$ 5,286.69	$ (4,596.59)	$ 5,286.69	
	Sub Total	**$ 230,564.49**	**$ -**	**$ 238,457.98**	**$ (230,564.49)**	**$ 238,457.98**	
	GRAND TOTAL	**$ 4,990,791.96**	**$ 23,543.30**	**$ 4,776,360.81**	**$ (5,073,301.55)**	**$ 4,717,394.52**	

GPA Communications/PIO KPI Status

Week of 14 May 2018

Ratepayer Newsletter

Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G

Status

1. Compiling June newsletter;
2. GPA 50th Anniversary Proclamation Signing event highlight on cover; and featured every month for next 12 months-include 50th logo
3. Standard features of recipe and village fiesta schedule remain for newsletter content;
4. Inclusion of story updates: in coordination with GM Update(s) and focus on GPA's plans and additions to IWPS and progress with projects that lead toward controlling costs of energy to ratepayer homes, highlighting bid progress, results, award to build Guam's New 180MW Power Plant,

Accomplishments

1. Completed January, February, March, April and May - Insights Ratepayer Newsletter
2. June issue under construction; will meet deadline

Risks and Issues	Resolution
1. None to report;	

Financial	
Budgeted for FY1	

Legend:

No corrective action required | Near-term corrective action required | Requires immediate attention

2017 Annual Report

Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G

Status

1. Bid Awarded for FY17 Annual Report to Card & Card Advertising
2. Writing, first-round edits in progress.
3. Card & Card Advertising compiling final design.
4. Complete date is August 2018

Accomplishments

1. The is 'Power for All'
2. Audited financials forwarded to vendor.
3. Call for information/FY2017 updates of information by each GPA division
4. Agreements on photo image selections

Risks and Issues	Resolution
1. None to Report	

Financial

None to report	Within Budget	

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention

Special Projects – Social Media

Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G

Status

1. Ongoing coordination with various departments for any updates to share on social media;

Accomplishments

1. Achieved Fiscal Year Goal of 2,500 “Likes” information exchanges and postings ongoing;

Risks and Issues

1. Timely Updates on Forced Outages and Scheduled Outages ;

Resolution

1. Close monitoring of outages and trouble desk for updates;

Financial

Within budget		

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention

Energy Sense Marketing

Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G

Status

1. Adztech Advertising continuing Phase II DSM Marketing Plan Goals & Objectives;
2. Awaiting final coordination with UOG – Office of Sustainability on Dean's Circle House 25 retrofit. Plan to conduct ribbon cutting ceremony at site, feature GPA's involvement and call attention to GPA 50th Anniversary milestone.

Accomplishments

1. On track to with DSM Phase II Marketing Goals & Objectives
2. Completed participation at 2018 UOG CIS Conference featuring 'Guam Energy Sense' to include information table, CSR staffing, promotional items and display of GPA Electric Vehicle. Panel discussion presentations by John Cruz, Jr.

Risks and Issues	Resolution
1. SPORD support pending additional funding;	PIO supporting DSM marketing in pending additional SPORD funding

Financial	
Budget Support for SPORD for Phase II	

Legend:

No corrective action required | Near-term corrective action required | Requires immediate attention

Prepaid & SMS (text) Project

Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G

Status

1. Text texting still in progress. No new information to report.

Accomplishments

1. Completed coordination with local carriers (GTA, Docomo & IT&E for SMS Texting test);

Risks and Issues	Resolution
1. Pending review and acceptance from PSCC for testing and eventual rollout;	

Financial	
None to report	

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention

Live Streaming of CCU Meetings & Work Sessions

Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G

Status

1. GPA-016-18 issued and re-issued with zero bid packets received.
2. GPA will proceed with solicitation to support with suggested resource.

Accomplishments

1. Technical specifications are detailed and team will continue forward with next steps following zero bid responses.

Risks and Issues	Resolution
1. None to report at this time	

Financial	
Funding with IT Division & GWA for audio & video equipment & training	

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention

50th Anniversary Activities

Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G

Status

1. List of events and programs connected to milestone 2018 GPA planned programs/business objectives already in place is under construction: PPA Signing, LEED Plaque on GBN Building Unveiling; UOG House 25 Retrofit Ribbon Cutting; 4th Cycle GPA Apprentice Recognition Ceremony; 07 July Fadian Employee-Family Fun Day; 2018 Liberation Day Float(s); Ribbon Cutting for Battery Project(s) August 2018, 2018 Labor Day; 2018 Public Power Week, 180MW Bid Award; 2018 GPEA-GPA Year End Celebration
2. A GPA 50th Anniversary Steering Committee meeting weekly, with Communications-PIO serving as advisors.
3. Revisit budget items, (subject to change) to be presented to GM for approval.

Accomplishments

1. 50th logo design to be approved.
2. Theme to be approved.
3. Proclamation Signing Event completed on 08 May 2018.
4. GPA will partner with GPA Employees Association for coordination of year-end (holiday party) event to promote GPA 50th Anniversary as theme; as well as additional events.

Risks and Issues	Resolution
1. None to report at this time	

Financial	
None to report	

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention

Miscellaneous Activities

Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G

Status

1. 'Acting' Communications Manager-PIO appointment remains indefinitely
2. GPA Web page redesign work in progress
3. Monitoring of CS Business Centers
4. Standard Media Releases for scheduled and emergency outage reporting is on-going
5. Education Outreach – random requests; ongoing

Accomplishments

1. GPA (volunteer) Employees participated in Guam public school Career Day event at Astumbo Middle School featuring Finance (Cora Montellano and Pam Aguigui; and IT (Jacob Muna Barnes)
2. Cable television installation and services completed with two drops in Employee Fitness Center

Risks and Issues	Resolution
1. None to report at this time;	

Financial	
None to report	

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention