



CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority

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

GUAM POWER AUTHORITY WORK SESSION

CCU Conference Room

4:30 p.m., Thursday, July 18, 2019

AGENDA

1. ISSUES FOR DECISION

1.1 [Diesel Fuel Contract / Resolution 2019-10](#)

1.2 [Out of Service Inspection & Refurbishment of GPA Bulk Storage Fuel Tanks / Resolution 2019-11](#)

2. GM REPORT

2.1 [Updates](#)

3. ISSUES FOR DISCUSSION

4. DIVISION REPORTS

4.1 [Administration: Customer Service, HR, Procurement, Safety](#)

4.2 [Communications](#)

4.3 [Engineering & Technical: Engineering, IT, Planning & Regulatory, SPORD](#)

4.4 [Finance](#)

4.5 [Operations: Facilities, Generation, PSCC, T&D, Transportation](#)

5. ANNOUNCEMENTS

5.1 [Next Meeting: CCU Meeting – July 23, 2019](#)

6. ADJOURNMENT



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

Issues for Decision

Resolution No. 2019-10:

**RELATIVE TO AUTHORIZING THE MANAGEMENT OF THE GUAM POWER
AUTHORITY TO PETITION THE PUBLIC UTILITIES COMMISSION TO AWARD
THE CONTRACT FOR THE SUPPLY OF DIESEL FUEL OIL NO.2 FOR THE
BASELOADS POWER PLANTS AND PEAKING UNITS**

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

The Guam Power Authority's current contracts for Supply of Diesel Fuel Oil No.2 for the Baseload and Peaking Plants expire on December 31, 2019. The new fuel supply contracts are necessary to provide uninterrupted supply of fuel for the power plants.

Where is the location?

These contract service the Baseload and Peaking Power Plants which were split into four (4) specified delivery sites:

Site Location 1 (Yigo CT and Aggreko)

Site Location 2 (Macheche CT and Dededo CT)

Site Location 3 (Piti 7)

Site Location 4 (Cabras 1&2, MEC 8&9, Manenggon Diesel Plant, and Talofofo Diesel Plant)

How much will it cost?

The aggregate contract value for all the site locations for the two-year contract base period is estimated at \$146,664,400.

The aggregate cost for the two-year contract base period with Mobil Oil Guam for Sites 1, 3 & 4 is \$113,384,400. The total cost for the two-year contract base period with IP&E Holdings, LLC for Site 2 is estimated at \$33,280,000.

When will it be completed?

Contract is a two-year base period with three one-year extension options.

What is its funding source?

LEAC



CONSOLIDATED COMMISSION ON UTILITIES

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RESOLUTION NO. 2019-10

AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO PETITION THE PUBLIC UTILITIES COMMISSION TO AWARD THE CONTRACT FOR THE SUPPLY OF DIESEL FUEL OIL NO.2 FOR THE BASELOADS POWER PLANTS AND PEAKING UNITS

WHEREAS, Diesel Fuel Oil No.2 is used by GPA's baseload plants and peaking units for plant operations; and

WHEREAS, GPA's final extension of the current contract with Mobil Oil Guam, Inc. for the supply of Diesel Fuel Oil No.2 under GPA-029-14 will expire on December 31, 2019; and

WHEREAS, in anticipation of this expiration date, GPA was authorized by the CCU under Resolution No. 2017-33 and approved by the PUC under Docket 17-18 to issue bids for the procurement of a new Diesel Fuel Oil No.2 supply contract; and

WHEREAS, the Procurement Officer has provided adequate public announcement for the need for such supply services through Invitation for Bid No. GPA-008-18 describing the type of supply services required and specifying the type of information and data required of each offeror; and

WHEREAS, Mobil Oil Guam, Inc. ("Mobil") and Isla Petroleum and Energy ("IP&E") Holdings, LLC were the only qualified bidders that submitted price proposals for GPA consideration; and

WHEREAS, price proposals were evaluated for four (4) specified delivery sites: **Site Location 1** (*Yigo CT and Aggreko*), **Site Location 2** (*Macheche CT and Dededo CT*), **Site Location 3** (*Piti 7*), and **Site Location 4** (*Cabras 1&2, MEC 8&9, Manenggon Diesel Plant, and Talofofo Diesel Plant*); and

WHEREAS, Mobil Oil Guam was determined to be the lowest, most responsive bidder meeting the requirements of the solicitation to provide diesel fuel oil for **Site Location 1** (*Yigo CT and Aggreko*) as

provided for in **Exhibit A**. The award of the contract to Mobil Oil Guam at the estimated supply quantities has a contract value of approximately \$35,445,000.00 for the first year and \$35,445,000.00 for the second year. The total estimated contract value for the two-year contract base period is approximately **\$70,890,000.00** (with an estimated savings of \$544,000.00); and

WHEREAS, IP&E Holdings, LLC was determined to be the lowest, most responsive bidder meeting the requirements of the solicitation to provide diesel fuel oil for **Site Location 2 (Macheche CT and Dededo CT)** as provided for in **Exhibit B**. The award of the contract to IP&E at the estimated supply quantities has a contract value of approximately \$16,640,000.00 for the first year and \$16,640,000.00 for the second year. The total estimated contract value for the two-year contract base period is approximately **\$33,280,000.00** (with an estimated savings of \$336,000.00); and

WHEREAS, Mobil Oil Guam was determined to be the lowest, most responsive bidder meeting the requirements of the solicitation to provide diesel fuel oil for **Site Location 3 (Piti 7)** as provided for in **Exhibit C**. The award of the contract to Mobil oil Guam at the estimated supply quantities has a contract value of approximately \$16,592,000.00 for the first year and \$16,592,000.00 for the second year. The total estimated contract value for the two-year contract base period is approximately **\$33,184,000.00** (with an estimated savings of \$752,000.00); and

WHEREAS, Mobil Oil Guam was determined to be the lowest, most responsive bidder meeting the requirements of the solicitation to provide diesel fuel oil for **Site Location 4 (Cabras 1&2, MEC 8&9, Manenggon Diesel Plant, and Talofofo Diesel Plant)** as provided for in **Exhibit D**. The award of the contract to Mobil Oil Guam at the estimated supply quantities has a contract value of approximately \$4,655,200.00 for the first year and \$4,655,200.00 for the second year. The total estimated contract value for the two-year contract base period is approximately **\$9,310,400.00** (with an estimated additional expense of \$66,000.00); and

WHEREAS, the aggregate contract value for all the site locations for the two-year contract base period is estimated at **\$146,664,400.00**; and

WHEREAS, the total savings for the two-year contract base period for all the site locations is estimated at **\$1,566,000.00**; and

64 **WHEREAS**, the Diesel Fuel Oil No.2 Supply Contract shall be for a period of two years to commence
65 on January 1, 2020 and shall expire on December 31, 2021 with three one-year extension options
66 renewable annually upon mutual agreement of both parties; and
67

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

- 70
- 71 1. The General Manager of the Guam Power Authority is hereby authorized to enter into a two-
72 year contract with **Mobil Oil Guam, Inc.** for supply of Diesel Fuel Oil No.2 for **Site Location 1**
73 (*Yigo CT and Aggreko*), **Site Location 3 (Piti 7)** and **Site Location 4 (Cabras 1&2, MEC 8&9,**
74 *Manenggon Diesel Plant, and Talofofo Diesel Plant*). The aggregate cost for the two-year
75 contract base period with Mobil Oil Guam is estimated at **\$113,384,400.00**
76
- 77 2. The General Manager of the Guam Power Authority is hereby authorized to enter into a two-
78 year contract with **IP&E Holdings, LLC** for supply of Diesel Fuel Oil No.2 for **Site Location 2**
79 (*Macheche CT and Dededo CT*). The total cost for the two-year contract base period with IP&E
80 Holdings, LLC is estimated at **\$33,280,000.00**
81
- 82 3. The General Manager of the Guam Power Authority is hereby authorized an increase in
83 obligating authority to the annual value of the services and execute such agreements and
84 documents necessary for a contract with **Mobil Oil Guam, Inc.** and **IP&E Holdings, LLC**. The
85 over-all cost for the two-year contract base period with **Mobil Oil Guam, Inc.** and **IP&E**
86 **Holdings, LLC** is estimated at **\$146,664,400.00**.

87

88 **RESOLVED**, that the Chairman of the Commission certifies and the Board Secretary of this
89 Resolution.
90

91 **DULY and REGULARY ADOPTED AND APPROVED THIS this 23rd DAY of July 2019**
92

Certified by:

Attested by:

JOSEPH T. DUENAS
Chairperson
Consolidated Commission on Utilities

MICHAEL LIMTIACO
Secretary
Consolidated Commission on Utilities

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I, Michael Limtiaco, Secretary for the Consolidated Commission on Utilities (CCU), as evidenced

by my signature above do certify as follows:

The foregoing is a full, true, and correct copy of the resolution duly adopted at a regular meeting

of the members of Guam Consolidated Commission on Utilities, duly and legally held at the meeting

place properly noticed and advertised at which meeting a quorum was present and the members who

were present voted as follows:

Ayes: _____

Nays: _____

Absent: _____

Abstain: _____

EXHIBIT A**SITE LOCATION 1: YIGO CT AND AGGREKO**

Bidders Price Proposal	2-Year Base Period		3-Year Extension Option		
	1st Yr	2nd Yr	1st Yr Extn	2nd Yr Extn	3rd Yr Extn
	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal
Mobil Oil Guam, Inc.	\$0.226	\$0.226	\$0.231	\$0.235	\$0.240
IP&E Guam, LLC	\$0.282	\$0.282	\$0.282	\$0.282	\$0.282

2-YEAR CONTRACT BASE PERIOD	Current Contract MOG	1 st YEAR- CONTRACT BASE PERIOD		2 nd YEAR- CONTRACT BASE PERIOD		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	17,000,000	17,000,000	17,000,000	17,000,000	17,000,000	34,000,000	34,000,000
Estimated Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	<u>\$0.242</u>	<u>\$0.226</u>	<u>\$0.282</u>	<u>\$0.226</u>	<u>\$0.282</u>	<u>\$0.226</u>	<u>\$0.282</u>
Estimated Contract Price (\$/gal)	\$2.101	\$2.085	\$2.141	\$2.085	\$2.141	\$2.085	\$2.141
Estimated Contract Cost (\$/yr)	\$ 35,717,000.00	\$ 35,445,000.00	\$ 36,397,000.00	\$ 35,445,000.00	\$ 36,397,000.00	\$ 70,890,000.00	\$ 72,794,000.00
Fixed Service Fee Cost (\$/yr)	\$4,114,000.00	\$3,842,000.00	\$4,794,000.00	\$3,842,000.00	\$4,794,000.00	\$7,684,000.00	\$9,588,000.00
Variance w/ Current Contract		(\$272,000.00)	\$680,000.00	(\$272,000.00)	\$680,000.00	(\$544,000.00)	\$1,360,000.00
		-7%	17%	-7%	17%		
		(Savings)	(Additional Expense)	(Savings)	(Additional Expense)	(Savings)	(Additional Expense)
Ranking (1 as the Lowest Bidder)						1	2

Based on the analysis for the two (2) year contract base period, the lowest bidder is **MOBIL OIL GUAM, INC.**

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities

² Sample Reference Price (MOPS) per Bid Package (Volume II- Section 5): \$/gal ~ \$1.859

EXHIBIT B

Bidders Price Proposal	2-Year Base Period		3-Year Extension Option		
	1st Yr	2nd Yr	1st Yr Extn	2nd Yr Extn	3rd Yr Extn
	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal*	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal
Mobil Oil Guam, Inc.	\$0.260	\$0.260	\$0.265	\$0.271	\$0.276
IP&E Guam, LLC	\$0.221	\$0.221	\$0.224	\$0.227	\$0.230

2 year Base Contract	Current Contract IP&E	1 st YEAR- CONTRACT BASE PERIOD		2 nd YEAR- CONTRACT BASE PERIOD		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	16,000,000	16,000,000
Sample Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	<u>\$0.242</u>	<u>\$0.260</u>	<u>\$0.221</u>	<u>\$0.260</u>	<u>\$0.221</u>	<u>\$0.260</u>	<u>\$0.221</u>
Estimated Contract Price (\$/gal)	\$2.101	\$2.119	\$2.080	\$2.119	\$2.080	\$2.119	\$2.080
Estimated Contract Cost (\$/yr)	\$ 16,808,000.00	\$ 16,952,000.00	\$ 16,640,000.00	\$ 16,952,000.00	\$ 16,640,000.00	\$ 33,904,000.00	\$ 33,280,000.00
Fixed Service Fee Cost (\$/yr)	\$ 1,936,000.00	\$2,080,000.00	\$1,768,000.00	\$2,080,000.00	\$1,768,000.00	\$4,160,000.00	\$3,536,000.00
Variance w/ Current Contract		\$144,000.00	(\$168,000.00)	\$144,000.00	(\$168,000.00)	\$288,000.00	(\$336,000.00)
		7%	-9%	7%	-9%		
		(Additional Expense)	(Savings)	(Additional Expense)	(Savings)	(Additional Expense)	(Savings)
Ranking (1 as the Lowest Bidder)						2	1

Based on the analysis for the two (2) year contract base period, the lowest bidder is **IP&E Guam**.

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities

² See Bid Package: Volume II- Section 5 for Sample Reference Price

EXHIBIT C**SITE LOCATION 3: PITI 7**

Bidders Price Proposal	2-Year Base Period		3-Year Extension Option		
	1st Yr	2nd Yr	1st Yr Extn	2nd Yr Extn	3rd Yr Extn
	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal
Mobil Oil Guam, Inc.	\$0.215	\$0.215	\$0.219	\$0.224	\$0.228
IP&E Guam, LLC	\$0.249	\$0.249	\$0.252	\$0.255	\$0.258

2 year Base Contract	Current Contract IP&E	1 st YEAR- CONTRACT BASE PERIOD		2 nd YEAR- CONTRACT BASE PERIOD		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)	Bidder #1 (Mobil Oil Guam, Inc)	Bidder #2 (IP&E Holdings, LLC)
Estimated Quantity (gal/yr) ¹	8,000,000	8,000,000	8,000,000	8,000,000	8,000,000	16,000,000	16,000,000
Estimated Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	<u>\$0.262</u>	<u>\$0.215</u>	<u>\$0.249</u>	<u>\$0.215</u>	<u>\$0.249</u>	<u>\$0.215</u>	<u>\$0.249</u>
Estimated Contract Price (\$/gal)	\$2.121	\$2.074	\$2.108	\$2.074	\$2.108	\$2.074	\$2.108
Estimated Contract Cost (\$/yr)	\$ 16,968,000.00	\$16,592,000.00	\$16,864,000.00	\$16,592,000.00	\$16,864,000.00	\$33,184,000.00	\$33,728,000.00
Fixed Service Fee Cost (\$/yr)	\$ 2,096,000.00	\$1,720,000.00	\$1,992,000.00	\$1,720,000.00	\$1,992,000.00	\$3,440,000.00	\$3,984,000.00
Variance w/ Current Contract		(\$376,000.00)	(\$104,000.00)	(\$376,000.00)	(\$104,000.00)	(\$752,000.00)	(\$208,000.00)
		-18%	-5%	-18%	-5%		
		(Savings)	(Savings)	(Savings)	(Savings)	(Savings)	(Savings)
Ranking (1 as the Lowest Bidder)						1	2

Based on the analysis for the two (2) year contract base period, the lowest bidder is **MOBIL OIL GUAM, INC.**

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities

² Sample Reference Price (MOPS) per Bid Package (Volume II- Section 5): \$/gal ~ \$1.859

EXHIBIT D**SITE LOCATION 4: CABRAS 1&2, MEC 8&9, MANENGGON, AND TALOFOFO**

Bidders Price Proposal	2-Year Base Period		3-Year Extension Option		
	1st Yr	2nd Yr	1st Yr Extn	2nd Yr Extn	3rd Yr Extn
	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal	Fixed Service Fee \$/gal
Mobil Oil Guam, Inc.	\$0.257	\$0.257	\$0.262	\$0.268	\$0.273
IP&E Guam, LLC	\$0.300	\$0.300	\$0.303	\$0.307	\$0.310

2 year Base Contract	Current Contract MOG	1 st YEAR- CONTRACT BASE PERIOD		2 nd YEAR- CONTRACT BASE PERIOD		2-YEAR CONTRACT BASE PERIOD	
		Bidder #1 Mobil Oil Guam, Inc.	Bidder #2 IP&E Holdings, LLC	Bidder #1 Mobil Oil Guam, Inc.	Bidder #2 IP&E Holdings, LLC	Bidder #1 Mobil Oil Guam, Inc.	Bidder #2 IP&E Holdings, LLC
Estimated Quantity (gal/yr) ¹	2,200,000	2,200,000	2,200,000	2,200,000	2,200,000	4,400,000	4,400,000
Estimated Reference Price (\$/gal) ²	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859	\$1.859
Bid Fixed Service Fee Cost (\$/gal)	<u>\$0.242</u>	<u>\$0.257</u>	<u>\$0.300</u>	<u>\$0.257</u>	<u>\$0.300</u>	<u>\$0.257</u>	<u>\$0.300</u>
Estimated Contract Price (\$/gal)	\$2.101	\$2.116	\$2.159	\$2.116	\$2.159	\$2.116	\$2.159
Estimated Contract Cost (\$/yr)	\$ 4,622,200.00	\$4,655,200.000	\$4,749,800.000	\$4,655,200.00	\$4,749,800.00	\$9,310,400.00	\$9,499,600.00
Fixed Service Fee Cost (\$/yr)	\$ 532,400.00	\$565,400	\$660,000	\$565,400	\$660,000	\$1,130,800.00	\$1,320,000.00
Variance w/ Current Contract		\$33,000.00	\$127,600.00	\$33,000.00	\$127,600.00	\$66,000.00	\$255,200.00
		6%	24%	6%	24%		
		(Additional Expense)	(Additional Expense)	(Additional Expense)	(Additional Expense)	(Additional Expense)	(Additional Expense)

Ranking (1 as the Lowest Bidder)**1****2**Based on the analysis for the two (2) year contract base period, the lowest bidder is **MOBIL OIL GUAM, INC.**

Notes:

¹ See Bid Package: Volume II- Schedule B for Estimated Quantities² Sample Reference Price (MOPS) per Bid Package (Volume II- Section 5): \$/gal ~ \$1.859

EXHIBIT E**Historical Contract Fixed Service Fees**

Contract Number	Contract Period	Contractor/ Supplier	Fixed Service Fee Cost (\$/gal)							
			Aggreko	Yigo CT	Macheche CT	Dededo CT	Piti 7	Baseloads	MDI	Talofofo
GPA-008-18	Jan 2020-Dec 2021	Mobil Oil Guam	\$0.226	\$0.226	\$0.221	\$0.221	\$0.215	\$0.257	\$0.257	\$0.257
GPA-029-14	Jan 2014-Dec 2019	Mobil Oil Guam	\$0.242	\$0.242	\$0.242	\$0.242	\$0.262	\$0.262	\$0.242	\$0.242
GPA-050-09	Dec 2009-Nov 2014	IP&E Guam		\$0.661	\$0.661	\$0.661				
GPA-050-09	Dec 2009-Nov 2012	Shell Guam		\$0.278	\$0.278	\$0.278				
GPA-049-09	Dec 2012-Dec 2014	IP&E Guam					\$0.661	\$0.661	\$0.661	\$0.661
GPA-049-09	Dec 2009-Nov 2012	Shell Guam					\$0.601	\$0.661	\$0.660	\$0.601
GPA-037-06	Dec 2006-Nov 2009	Shell Guam					\$0.379	\$0.944	\$0.904	\$0.904
GPA-034-06	Dec 2006-Nov 2009	Shell Guam		\$0.454	\$0.454	\$0.454				
GPA-036-03	Oct 2003-Sep 2008	Shell Guam							\$0.149	\$0.149
GPA-036-03	Oct 2003-Nov 2006	Mobil Oil Guam					\$0.123	\$0.155		
GPA-022-01	Oct 2001-Nov 2006	Shell Guam		\$0.149	\$0.149	\$0.149				
GPA-118-99	Oct 1999-Sep 2003	Mobil Oil Guam							\$0.069	\$0.069
GPA-117-99	Oct 1999-Sep 2003	Mobil Oil Guam						\$0.157		
GPA-116-99	Oct 1999-Sep 2003	Shell Guam					\$0.072			
GPA-149-98	Oct 1998-Sep 2001	Shell Guam		\$0.065	\$0.065	\$0.065				



GUAM POWER AUTHORITY
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Issues for Decision

Resolution No. 2019-11

Relative to Authorizing Expenditure for the Out of Service Inspection and Refurbishment of GPA Bulk Storage Fuel Tanks

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

The project's objective is to comply with regulatory requirements. GPA will comply with the regulatory requirements by procuring services for the bulk storage fuel tanks out of service inspection and refurbishment to ensure the structural integrity and safe operations of the tanks. The project also includes upgrading of the facility's auxiliary system to assure uninterrupted supply of fuel for the power plants. The last internal inspection was conducted in 2007 and inspections are required every ten (10) years. Upon completion of the project, they will be utilized to store ULSD fuel to supply Piti Power Plant 7 and upon ULSD conversion for Piti Power Plants 8 and 9 and the proposed 180 MW power plant.

On September 25, 2018 CCU approved Resolution 2018-20 authorizing GPA to solicit competitive bids for the Bulk Storage Fuel Tanks Out of Service Inspection and Refurbishment through an Invitation for Bid process and to petition the PUC for approval to issue bids to procure a contractor for the project. Then on October 25, 2018 the PUC approved GPA's petition to issue an Invitation for Bid related to the procurement of Bulk Storage Fuel Tanks Out of Service Inspection and Refurbishment.

Where is at?

GPA Bulk Storage Fuel Tanks Facility at Piti, Guam.

How much will it Cost?

The anticipated cost is \$8,969,510.00 for Tristar Agility contract.

What is its funding Source?

Cabras 3&4 Insurance Proceeds

When will it be completed?

The anticipated schedule is as follows:

Planned Start:	August, 2019
Planned Finish:	August, 2021
Duration:	24 months



CONSOLIDATED COMMISSION ON UTILITIES
Guam Power Authority | Guam Waterworks Authority
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GPA RESOLUTION NO. 2019-11

**RELATIVE TO AUTHORIZING EXPENDITURE FOR THE OUT OF SERVICE INSPECTION AND
REFURBISHMENT OF GPA BULK STORAGE FUEL TANKS**

WHEREAS, the Guam Power Authority (GPA) operates and maintains the bulk storage fuel tanks located at Piti, Guam, which are managed by the current Contractor, Isla Petroleum and Energy Holdings, LLC (IP&E) and are used to supply fuel to GPA's base load units; and

WHEREAS, the bulk storage fuel tanks last underwent internal inspection and refurbishment in 2007; and

WHEREAS, the tanks appurtenances including auxiliary equipment are required to be assessed, recalibrated and refurbished to comply with regulatory requirements; and

WHEREAS, upon completion of the out of service/internal inspection and refurbishment of the bulk storage fuel tanks, they will be utilized to store ULSD fuel to supply Piti Power Plant 7 and upon ULSD conversion for Piti Power Plants 8 and 9 and the proposed 180 MW power plant; and

WHEREAS, on September 25, 2018 CCU approved Resolution 2018-20 authorizing GPA to solicit competitive bids for the Bulk Storage Fuel Tanks Out of Service Inspection and Refurbishment through an Invitation for Bid process and to petition the PUC for approval to issue bids to procure a contractor for the project.

WHEREAS, on October 25, 2018 the PUC approved GPA's petition to issue an Invitation for Bid related to the procurement of Bulk Storage Fuel Tanks Out of Service Inspection and Refurbishment.

WHEREAS, the Procurement Officer has provided adequate public announcement for the Out of Service Inspection and Refurbishment of GPA Bulk Storage Tanks through Bid Invitation No. GPA-028-19; and,

WHEREAS, a sole qualified bidder submitted a bid for GPA's consideration (Attached Exhibit "A"); and

WHEREAS, GPA's Evaluation Committee has determined Tristar Agility to be the responsible and responsive bidder at a cost of \$8,969,510.00.

1 **WHEREAS**, the award of the contract to Tristar Agility has been made pursuant to a
2 written finding by the Procurement Officer that the Tristar Agility's offer meets the
3 requirements of GPA and has been determined to be fair and reasonable.

4 **WHEREAS**, the total cost exceeds the \$ 1.5M threshold requiring GPA to seek contract
5 approval and authorization from PUC; and

6 **WHEREAS**, GPA is requesting the approval of the CCU to petition the PUC for the
7 approval to award the contract to Tristar Agility for the Out of Service Inspection and
8 Refurbishment of GPA Bulk Storage Fuel Tanks; and,

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

- 11 1. GPA's request to award the contract to Tristar Agility for the Out of Service
12 Inspection and Refurbishment of GPA Bulk Storage Fuel Tanks is reasonable and
13 prudent.
- 14 2. GPA is authorized to petition the Public Utilities Commission for approval to award
15 the contract to Tristar Agility for the Out of Service Inspection and Refurbishment of
16 the GPA Bulk Storage Fuel Tanks.
- 17 3. Upon PUC approval, the General Manager is hereby authorized obligating authority
18 of \$8,969,510.00 for the purpose of securing out of service inspection and
19 refurbishment services for the GPA Bulk Storage Fuel Tanks utilizing the Cabras 3&4
20 Insurance Proceeds.

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

23 **DULY AND REGULARLY ADOPTED AND APPROVED THIS 23RD DAY OF JULY, 2019.**

24 Certified by:

Attested by:

25
26 _____
27 JOSEPH T. DUENAS

28 Chairperson

29 Consolidated Commission on Utilities
30

MICHAEL T. LIMTIACO

Secretary

Consolidated Commission on Utilities
31

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

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

5 Ayes: _____

6 Nays: _____

7 Absent: _____

8 Abstain: _____

NUMBER OF INVITATIONS ISSUED:

7

NUMBER OF BIDS RECEIVED:

1

INVITATION NUMBER:

GPA-020-19

OPENING DATE:

04/30/2019 2:00 PM

PROCUREMENT DIVISION

GUAM POWER AUTHORITY

ABSTRACT OF BIDS

ATTACHMENT A - ABSTRACT OF BIDS
(OUT OF SERVICE INSPECTION AND REFURBISHMENT
OF GPA BULK STORAGE FUEL TANKS)

DESCRIPTION OF SUPPLIES OR SERVICES: Out of Service Inspection
& Refurbishment of GPA Bulk Storage Fuel Tanks

No: 1 Vendor Name: TRISTAR ASULY

BID GUARANTEE:

☐ Bid Bond #: _____ Amount: \$ _____

☐ Certificate of Authority ☐ Power of Attorney

☒ Standby Letter of Credit # 01-SB-1539 Amount \$ 1,520,000.00
☐ Letter of Credit # _____ Amount \$ _____

☐ Cashier's or Certified Check # _____ Amount \$ _____

☐ Wire Transfer

☐ Statement of Qualifications

☒ Affidavits (Original Form)

☐ Affidavits (Copy Form): Originals submitted with _____

☒ Major Shareholders ☒ Non-Collusion ☒ No Gratuities or Kickbacks

☒ Ethical Standards ☒ Wage Determination ☒ Restriction Against Sex Offenders

☐ Business License ☐ Contractors License

☐ Local Procurement Signed and Submitted

☐ Literature

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

SIGNATURE

TABULATED BY: D. Luf DATE: 4/30/19

PAGE 1 OF 1

☐ Lowest Responsive Bidder
☐ Tie Bid
☐ Only Bid
☐ Other Than Lowest Responsive Bidder

NAMES OF PERSONS PRESENT AT THE BID OPENING AND WHOM THEY REPRESENT			
PRINT NAME:	COMPANY NAME:	SIGNATURE:	DATE:
1manuel m. minas	GPA elc&g-pm		
2 HONORIO 'JUN' ESTIRA	GPA EN&G/PM		
3 OSCAR R. EVANGELISTA	GPA EN&G/PM		
4 Brian Park	Tristar Terminal Guam, Inc		
5 VINEY KUMAR	TRISTAR TERMINALS GUAM INC.		
6			
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GENERAL MANAGER'S REPORT

JULY 2019



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

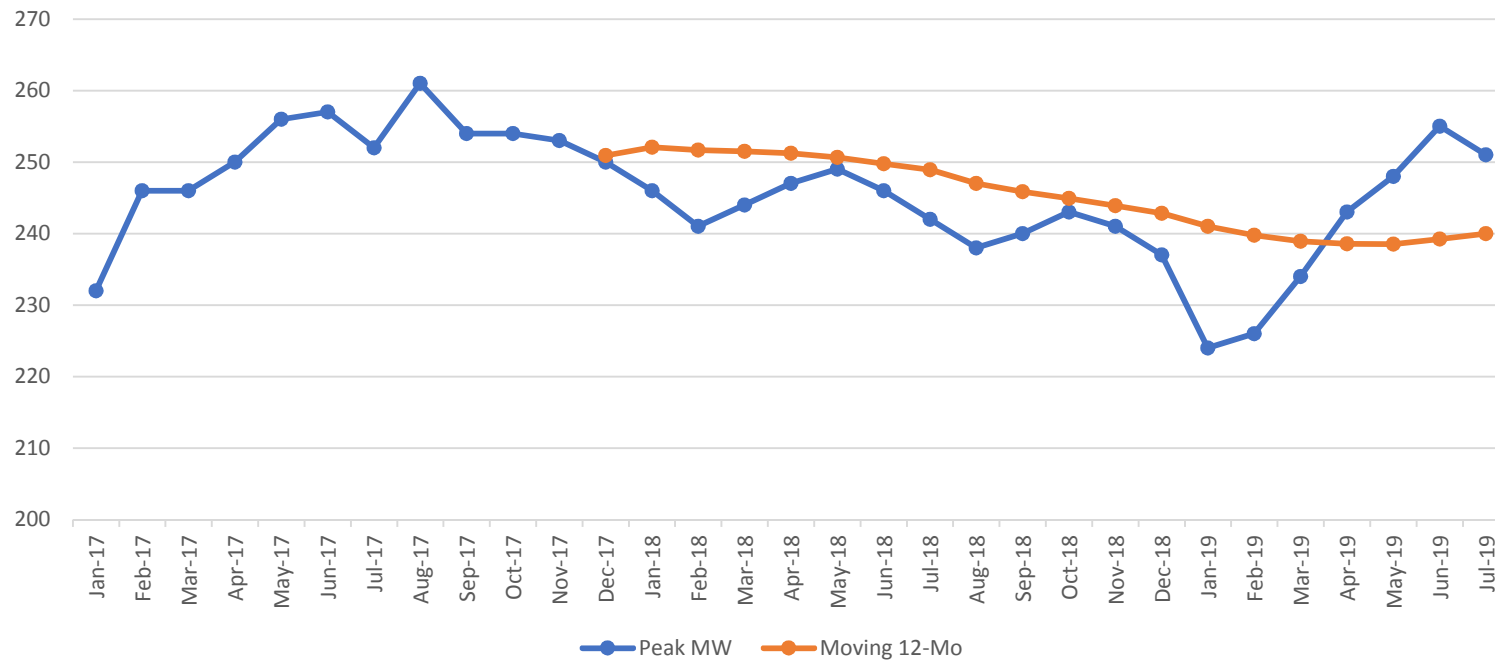
Projected Available Capacity: 380 MW

Projected Demand: 255 MW

Anticipated Reserve Margin: 125 MW

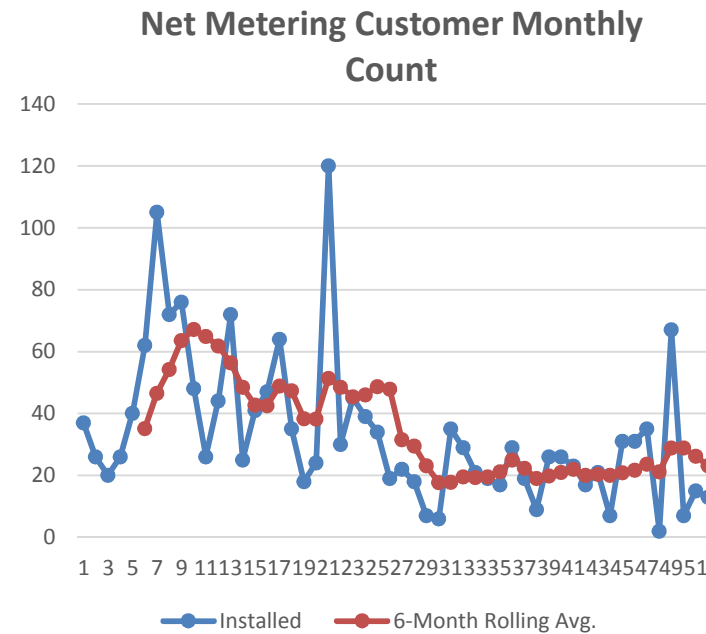
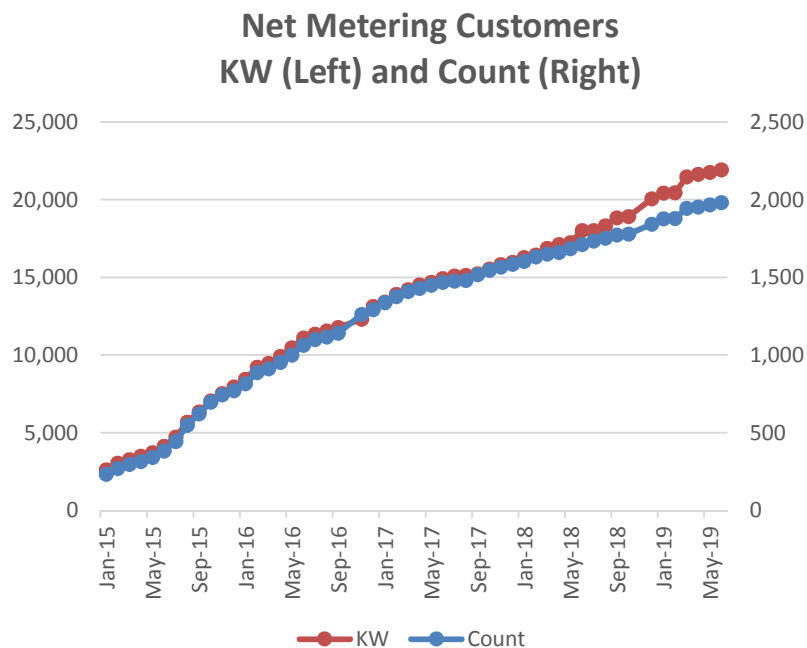
- The peak demand in 2019 continues to be higher than in 2018. The Peak for July (ending 7/10/19) was 251 MW compared to the peak demand of 242 MW in July 2018.

System Peak Demand



2. Net Metering (NEM) Credit Adjustment:

The PUC ordered at its May 30th meeting to not make any change to the current program. It also ordered for GPA and PUC to agree on an independent consultant to determine the cost and benefits of NEM including the benefits distributed generation may have in the distribution system. The PUC will entertain the report when completed and will address the matter further at that time or once the total NEM KW capacity reaches about 26MW. The following graphs show Net Metering ending June 2019:



3. Demand Side Management (DSM):

Program directly reduces energy cost to customer at a one-time fixed rebate.

GPA currently funded \$3.9M from base rate. The program is growing exponentially but GPA base rate will not be able to fund the growth.

DSM PROGRAM SUMMARY

Description	FY16	FY17	FY18	FY19 thru 6/30/19*	Total to Date
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$34,093.68	\$93,820.31
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	\$233,831.05
Ads & Radio Announcements	-	-	-	\$7,500.00	\$7,500.00
Paid Rebates–Split AC	\$154,700.00	\$557,275.00	\$1,349,825.00	\$704,550.00	\$2,766,350.00
Paid Rebates– Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$4,200.00	\$20,200.00
Paid Rebates– Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$69,000.00	\$136,425.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$822,368.68	\$3,258,126.36



4. LED Streetlights:

The progress report for the installation of 3,750 LED (white color) streetlights replacing the vintage High Pressure Sodium (yellowish color) lights is shown below.

The 250W lights are installed on Marine Corps Dr; the 150W lights are installed along village streets beginning in the south. We are in the process of ordering another 7,000 LED lights for delivery in FY 2020 to change out the balance of the HPS lighting.

This program once completed could allow DPW to request for an additional 3,000 lights into the system at today's cost. I am scheduling a meeting with DPW and the Mayor's Council Director to discuss the program.

LED Streetlight Replacement Project

FY 2019	Goal	Actual	Inarajan/ Malojloj	Yona	Umatac	Merizo	Talofofo	Santa Rita	Agat	Marine Corps Dr. 250 Equiv.
June 7-8	220	228	26	5	34	16	47	60	40	0
June 14-15	220	253	46	6	21	14	52	59	55	0
June 21-22	220	273	50	30	0	0	50	62	65	16
June 28-29	220	256	50	33	0	0	49	56	50	18
July 5-6	220	269	50	25	0	0	52	60	82	0
TOTALS	3,750	1,279	222	99	55	30	250	297	292	34
	Goal	Actual	Inarajan/ Malojloj	Yona	Umatac	Merizo	Talofofo	Santa Rita	Agat	Marine Corps Dr. 250 Equiv.



5. New 180 MW Power Plant:

- Three bidders submitted price proposal on June 3, 2019. The lowest bidder has been determined to be KEPCO.
- An Intent to Award Notice was issued on June 10, subject to the successful completion of an Energy Conversion Agreement (ECA) between the parties, CCU and PUC approval.
- A protest was filed with GPA by the 2nd lowest bidder Hanwha. GPA determined the protest was without merit and denied the protest. Hanwha could file an appeal to the OPA within a 14 day period.
- GPA and KEPCO have met to work on the ECA.
- GPA's rate consultant has been working on completing the rate study for the project as required by the PUC.
- Currently the target date to bring the issue before the CCU for their deliberation is August.

6. Liberation Day Festivities:

GPWA is entering a float for the parade. Additionally, GPWA will have a food tent set up similarly to past years. The tent is located directly in front of Moylan by the Boat Shop. Please join us to celebrate our 75th Liberation Day with the island.



7. NAVFAC Briefing:

Executive Management conducted a briefing on Monday, July 15th for our largest customer, DOD, more specifically the commanding Officer of NAVFAC Guam, Capt. Turner. The meeting was positive and is part of our effort to keep DOD informed of GPA issues and progress.

8. American Public Power Association:

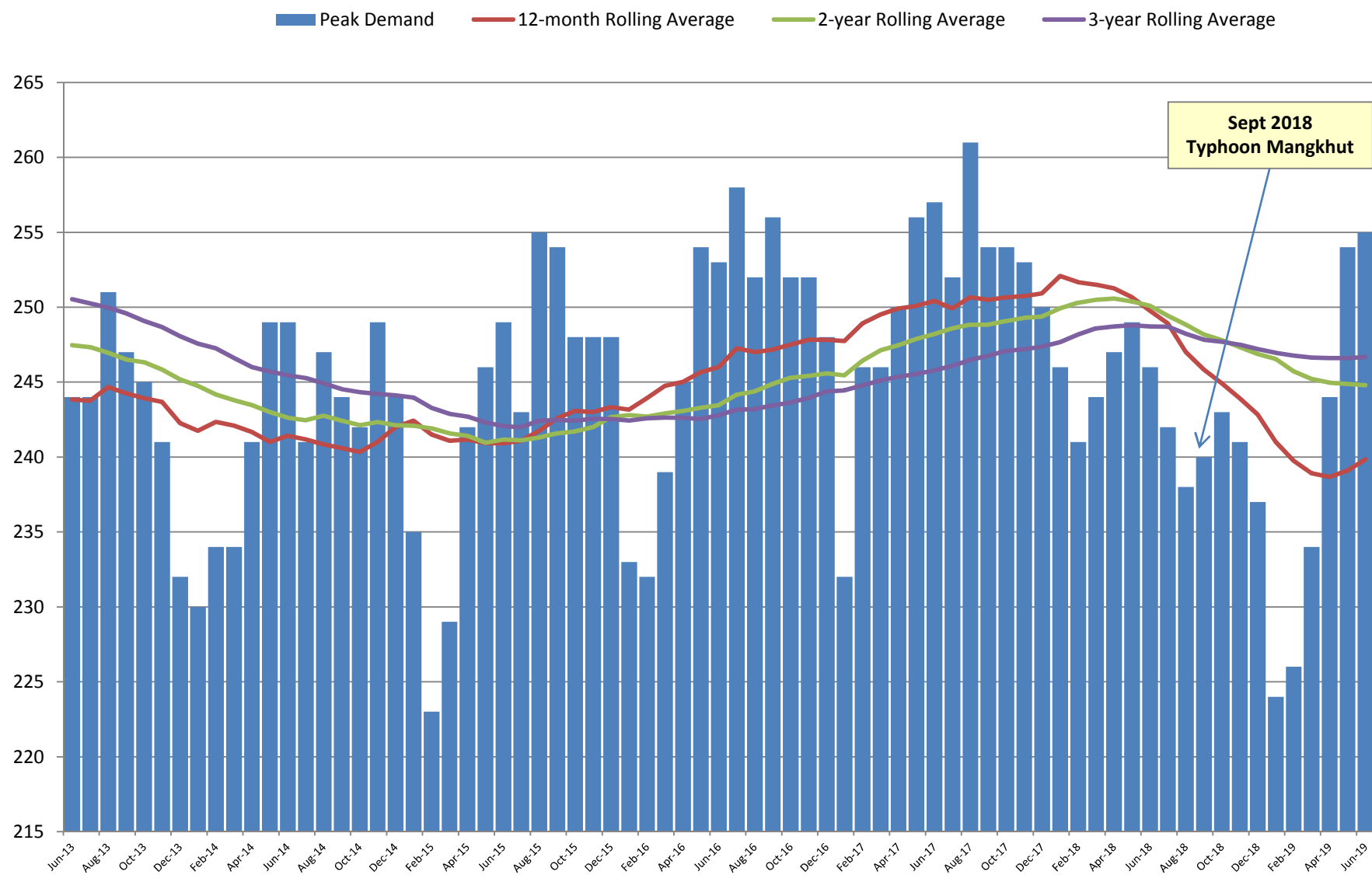
The National Conference was held in Austin, Texas in June 2019. The Association consist of about 2,000 municipal utilities from among the nation. GPA ranks in the top 100 of the members in terms of revenue, sales and number of customers. APPA membership helps keep GPA abreast with issues and developments of utilities including providing member utilities with training and networking opportunities for all facets of municipal utility operations. Highlights from this year's conference includes:

- My re-election for another 3-year term on the Board of Directors. I represent Region X which consist of member utilities of Puerto Rico, American Samoa, Virgin Islands, CNMI and Guam.
- Presented on the topic "Resiliency of Guam's Infrastructure" and the Mutual Aid to CNMI for recovery efforts from Typhoon Yutu.

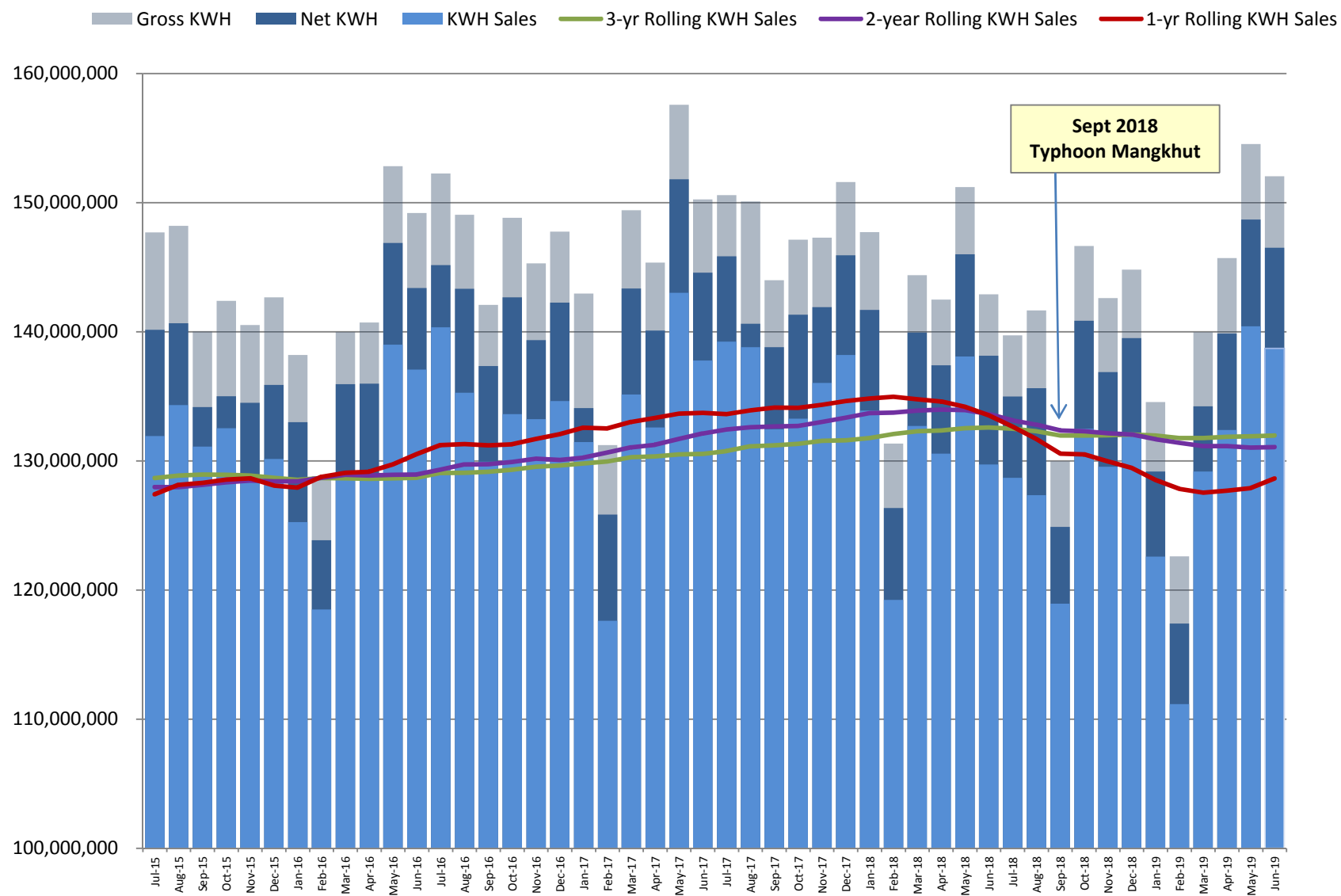
8. Updated Metrics: The following are updates on key metrics



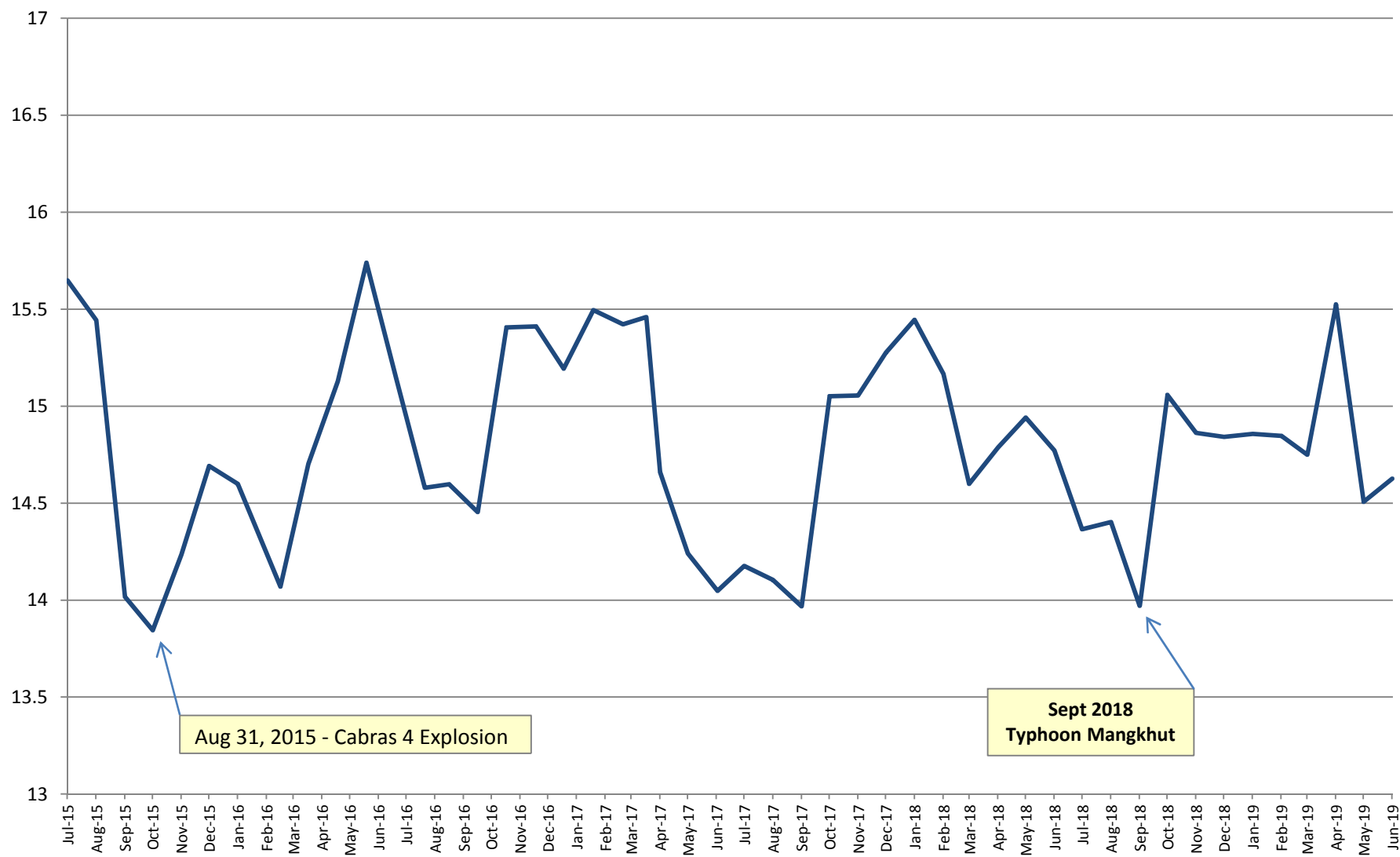
Historical Monthly Peak Demand June 2013 - June 2019



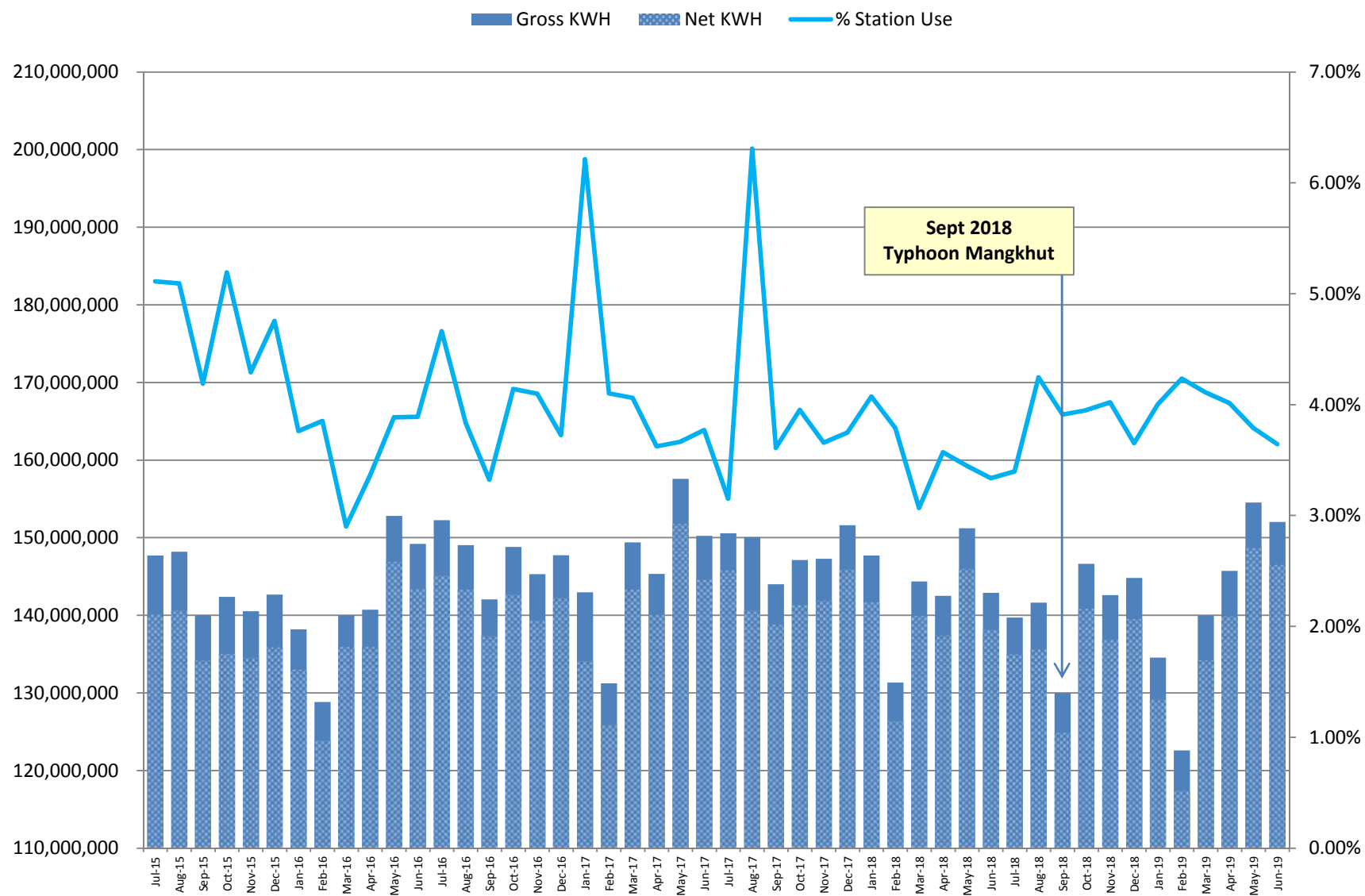
Historical KWH Sales July 2015 - June 2019



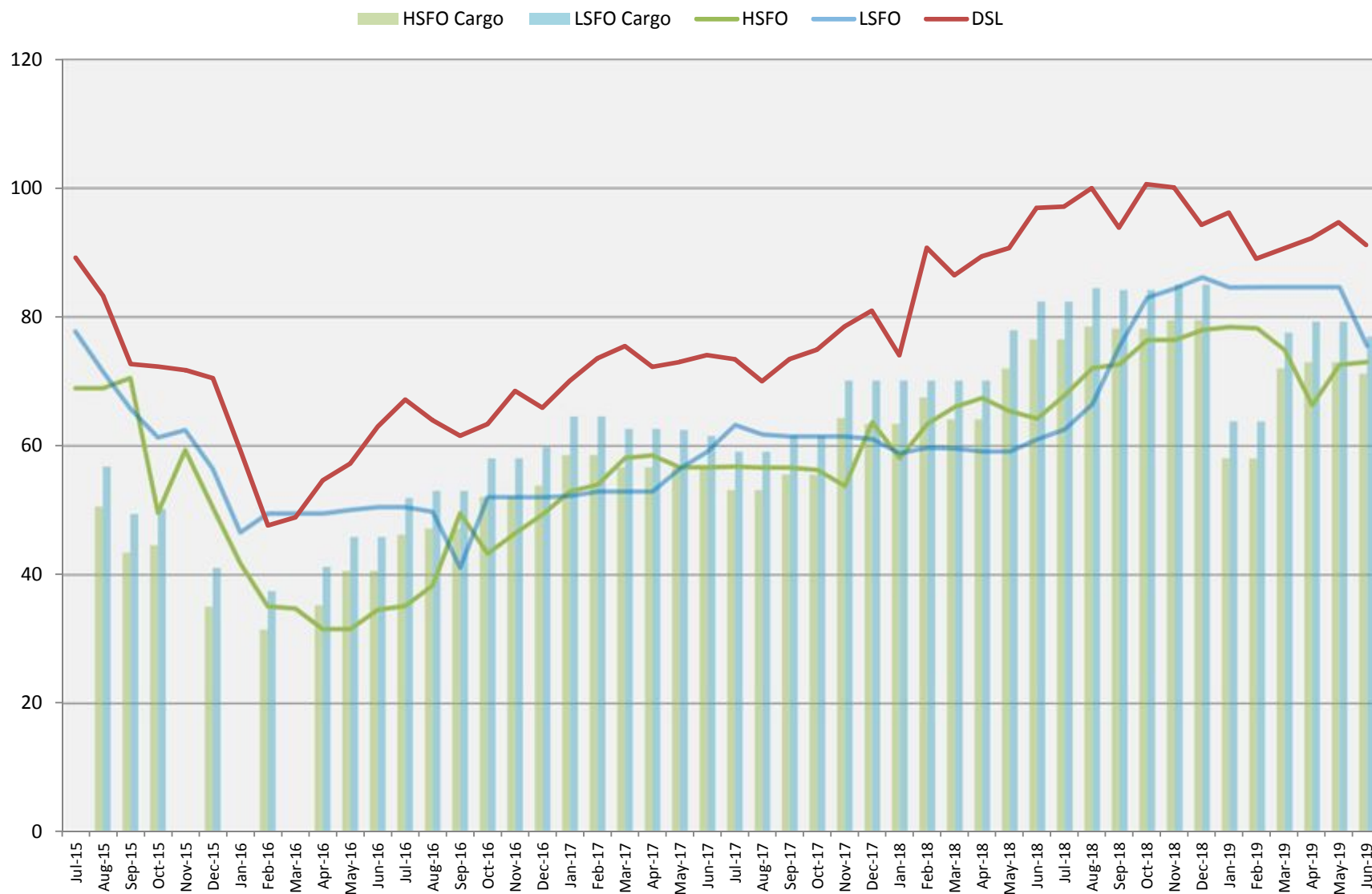
SYSTEM GROSS HEAT RATE (KWH/Gal) July 2015 - June 2019



Gross and Net Generation (KWH) July 2015 - June 2019



Fuel Cargo and Fuel Consumption Costs (\$/bbl) July 2015 - June 2019



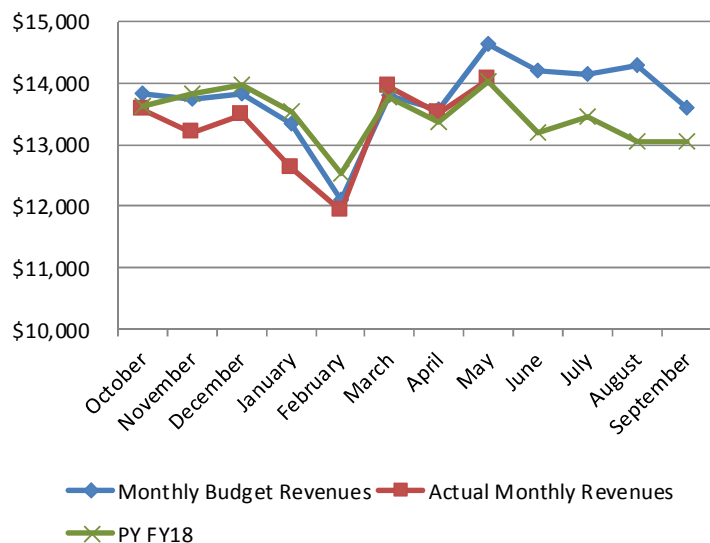
CFO FINANCIAL HIGHLIGHTS MAY 2019



May 2019 Monthly Financial Highlights

14

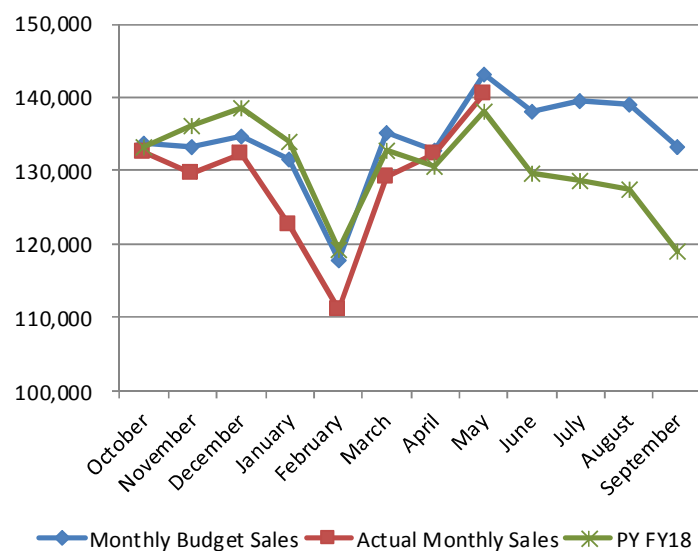
Base Rate Revenue \$000



Through May 31, 2019

	Monthly Budget Revenues \$000	Actual Monthly Revenues	Variance		PY FY18	CY vs PY Variance	
October	\$ 13,811	\$ 13,564	\$ (246)	↓	\$ 13,625	\$ (61)	↓
November	13,723	13,203	\$ (519)	↓	13,827	\$ (624)	↓
December	13,833	13,467	\$ (365)	↓	13,968	\$ (501)	↓
January	13,321	12,616	\$ (705)	↓	13,534	\$ (918)	↓
February	12,114	11,915	\$ (199)	↓	12,522	\$ (607)	↓
March	13,790	13,926	\$ 135	↑	13,776	\$ 150	↑
April	13,562	13,520	\$ (42)	↓	13,351	\$ 169	↑
May	14,630	14,057	\$ (573)	↓	14,011	\$ 46	↑
June	14,196				13,201		
July	14,152				13,446		
August	14,280				13,041		
September	13,590				13,041		
Total	\$ 165,002	\$ 106,269	\$ (2,515)		\$ 161,343	\$ (2,346)	

MWh Sales



Through May 31, 2019

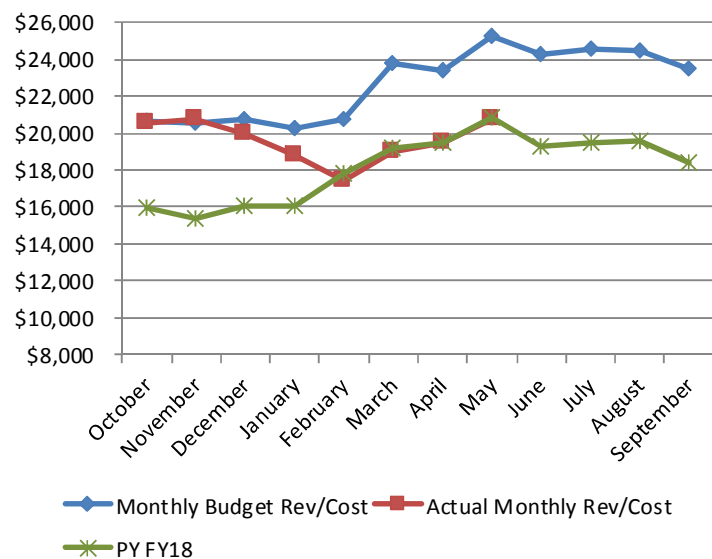
	Monthly Budget Sales gwh	Actual Monthly Sales	Variance		PY FY18	CY vs PY Variance	
October	133,797	132,489	(1,308)	↓	133,262	(773)	↓
November	133,346	129,537	(3,809)	↓	136,044	(6,506)	↓
December	134,715	132,190	(2,525)	↓	138,587	(6,397)	↓
January	131,547	122,590	(8,958)	↓	133,882	(11,292)	↓
February	117,775	111,159	(6,616)	↓	119,241	(8,082)	↓
March	135,196	129,170	(6,026)	↓	132,693	(3,523)	↓
April	132,763	132,396	(367)	↓	130,565	1,830	↑
May	143,236	140,412	(2,824)	↓	138,085	2,327	↑
June	138,016				129,728		
July	139,434				128,681		
August	139,030				127,348		
September	133,149				118,935		
Total	1,612,003	1,029,942	(32,432)		1,567,052	(32,418)	



May 2019 Monthly Financial Highlights (Continued)

15

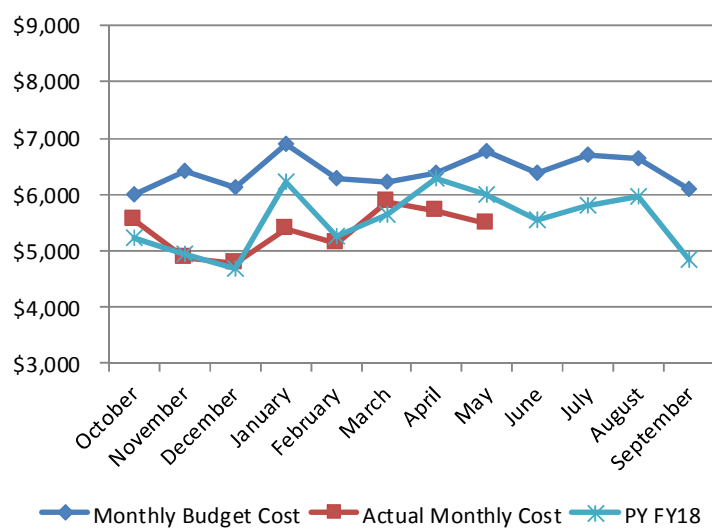
Fuel Revenue/ Cost \$000



Through May 31, 2019

	Monthly Budget Rev/Cost \$000	Actual Monthly Rev/Cost	Variance		PY FY18	CY vs PY Variance	
October	\$ 20,637	\$ 20,550	\$ (87)	↓	\$ 15,936	\$ 4,615	↑
November	20,568	20,711	\$ 143	↑	15,400	\$ 5,310	↑
December	20,779	19,969	\$ (810)	↓	16,007	\$ 3,961	↑
January	20,290	18,822	\$ (1,468)	↓	16,036	\$ 2,785	↑
February	20,718	17,368	\$ (3,350)	↓	17,763	\$ (395)	↓
March	23,783	19,017	\$ (4,765)	↓	19,180	\$ (163)	↓
April	23,354	19,442	(3,912)	↓	19,441	2	↑
May	25,197	20,711	(4,486)	↓	20,854	(143)	↓
June	24,279				19,252		
July	24,528				19,457		
August	24,457				19,608		
September	23,422				18,390		
Total	\$ 272,011	\$ 156,589	\$ (18,736)		\$ 217,324	\$ 15,972	

O&M Cost \$000



Through May 31, 2019

	Monthly Budget Cost \$000	Actual Monthly Cost	Variance		PY FY18	CY vs PY Variance	
October	\$ 5,986	5,551	435	↑	5,239	(312)	↓
November	6,419	4,875	1,544	↑	4,941	66	↑
December	6,119	4,762	1,358	↑	4,694	(68)	↓
January	6,882	5,399	1,483	↑	6,204	805	↑
February	6,291	5,114	1,177	↑	5,252	138	↑
March	6,231	5,869	362	↑	5,638	(231)	↓
April	6,374	5,704	670	↑	6,269	565	↑
May	6,753	5,485	1,268	↑	6,005	520	↓
June	6,373				5,558		
July	6,710				5,797		
August	6,648				5,961		
September	6,079				4,836		
Total	\$ 76,866	\$ 42,759	\$ 8,297		\$ 66,394	\$ 1,483	



May 2019 Monthly Financial Highlights

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Through May 31, 2019

	2Q2018	3Q2018	4Q2018	1Q2019	2Q2019	3Q2019
Residential	44,065	44,074	43,887	43,920	44,144	44,640
Commercial	5,262	5,278	5,261	5,273	5,291	5,317
Government	1,086	1,092	1,077	1,090	1,074	1,073
Streetlights	1,005	1,091	1,152	1,151	1,152	1,138
Navy	1	1	1	1	1	1
	51,419	51,536	51,378	51,435	51,662	52,169

	2013	2014	2015	2016	2017	2018	YTD May 2019
Debt service coverage (DSC) calculation-indenture							
Senior lien coverage	3.36	3.16	3.62	3.28	2.65	2.53	1.98
Aggregate debt service coverage	1.88	1.98	2.62	3.28	2.65	2.53	1.98
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	2.16	2.55	2.56	2.45	1.79	1.65	1.58
Aggregate debt service coverage	1.21	1.41	1.85	2.45	1.79	1.65	1.58



Customer Service Division

May 2019

SITE	Less than 10 Mins.	%	10-15 Mins.	%	15-30 Mins.	%	30-45 Mins.	%	TOTAL	Location %
GBN	686	40%	229	13%	417	24%	399	23%	1,731	30%
HAGATNA	1,143	63%	265	15%	314	17%	85	5%	1,807	32%
UPPER TUMON	1,720	80%	224	10%	179	8%	34	2%	2,157	38%
TOTAL:	3,549	62%	718	13%	910	16%	518	9%	5,695	100%

Government Accounts Receivable: CSD reports invoices for the month of April 2019, for 73 active government accounts with an overall total of \$7,856,684.79. 67 accounts were current (92%), 6 accounts arrears (8%). 3 fax/emails issued to government accounts totaling \$1,702,731.12. April 2019 invoices, 71 accounts paid in full.

Credit and Collection

Delinquent Ratio: As of May 2019, the authority reported a total 48,242 active customers. The "Delinquent Ratio" was recorded at 5.35% with 2,582 total delinquent accounts, total arrears of 1,643,911.48, 1,140,331.14; 2,379(4.93% / 28-45 days) category; 306,621.04; 228 (0.47% / 46-60 days); 24,538.87; 101(0.21% 61-90 days); and 172,420.43; 139 (0.29% / Over 90 days).

Bankruptcy: During May 2019 the Bankruptcy reports two (2) customer account filed, totaling \$98.53.

Damage Claim: The Damage claim committee received five (5) Damage claims at \$8,149.53 for the month of May 2019.

ACTIVE DELINQUENT – NON-PAYMENT

Command Center / Disconnection / Reconnections

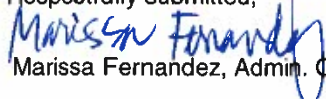
Single Phase Meters: Credit and Collection issued orders to Command Center to perform remote disconnect/reconnect for a total of 878 customers; 538(61%) were disconnected; 313(36%) deferred; 27(3%) incompletes.

3 Phase Meters: Credit and Collection issued orders to Disconnect Reconnect crew to perform truck roll out disconnect/reconnect for a total of 27 customers; 13(48%) were disconnected; 14(52%) deferred; 0(0%) incompletes.

FY 2019 (May 01-31, 2019)								
	Scheduled	Disc	Deferred	Complete Vs. Scheduled	Incomplete Disconnections	Disc Vs. Scheduled	Deferred Vs. Scheduled	Incomplete Vs. Scheduled
May-19	905	551	327	878 97%	27	61%	36%	3%
Apr-19	443	409	30	439 99%	1	92%	7%	1%
2 nd	2,869	2,089	711	2,800 98%	69	73%	25%	2%
1 st	8,855	2,720	6,013	8,733 99%	122	31%	68%	1%
TOTAL:	13,072	5,769	7,081	12,850 99%	219	44%	54%	2%
FY 2018 (October 01, 2017 – September 30, 2018)								
QTR	Scheduled	Disc	Deferred	Complete Vs. Scheduled	Incomplete Disconnections	Disc Vs. Scheduled	Deferred Vs. Scheduled	Incomplete Vs. Scheduled
4 th	2,923	2,137	768	2,905 99%	18	73%	26%	1%
3 rd	4,824	2,635	2,167	4,802 100%	22	55%	45%	0%
2 nd	4,092	2,010	2,032	4,042 99%	50	49%	50%	1%
1 st	3,890	2,237	1,646	3,883 100%	7	58%	42%	0%
TOTAL:	15,729	9,019	6,613	15,632 99%	97	57%	42%	1%

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

Respectfully submitted,


Marissa Fernandez, Admin. Officer

Reviewed / Approved by:


Richard J. Bersamin, ACSM

Run Date: 6/5/2019
Run Time: 9:32:30PM

Guam Power Authority
Delinquent Active Accounts Summary Report
As of - 06/05/2019

Report ID: DELRATIO
Page 62 of 62

<u>Rate Classification</u>	<u>Total Cust</u>	<u>Del Cust</u>	<u>Del 28-45</u>	<u>Del 46-60</u>	<u>Del 61-90</u>	<u>Over-90</u>	<u>Current Balance</u>	<u>28-45 Days</u>	<u>46-60 Days</u>	<u>61-90 Days</u>	<u>>90 Days</u>	<u>Total Arrears</u>	<u>Total C</u>
Residential(ERES-R)	42,468	2,288	2,118	174	84	113	6,074,011.02	456,702.52	42,244.22	21,389.70	129,817.45	650,153.89	6,724,164
		5.39%	4.99%	0.41%	0.20%	0.27%							
Small Gen Non Demand(EGEN-G)	4,168	205	176	31	8	15	1,143,049.42	87,072.94	40,160.90	2,823.17	4,670.33	134,727.34	1,277,776
		4.92%	4.22%	0.74%	0.19%	0.36%							
Small Gen Demand(EGEND-J)	967	57	54	7	0	1	2,764,441.44	150,167.29	6,090.33	0.00	34,834.25	191,091.87	2,955,533
		5.89%	5.58%	0.72%	0.00%	0.10%							
Large General(ELPS-P)	118	6	6	1	0	0	6,411,010.81	445,437.36	217,557.04	0.00	0.00	662,994.40	7,074,005
		5.08%	5.08%	0.85%	0.00%	0.00%							
Private Streetlight(EPOL-H)	521	26	25	15	9	10	17,835.56	951.03	568.55	326.00	3,098.40	4,943.98	22,779
		4.99%	4.80%	2.88%	1.73%	1.92%							
Sub-Total (Private)	48,242	2,582	2,379	228	101	139	16,410,348.25	1,140,331.14	306,621.04	24,538.87	172,420.43	1,643,911.48	18,054,259
		5.35%	4.93%	0.47%	0.21%	0.29%							
Small Gov Non Demand(ESGS-S)	687	59	56	3	2	1	525,713.29	57,401.07	2,096.17	13,836.07	1,933.01	75,266.32	600,979
		8.59%	8.15%	0.44%	0.29%	0.15%							
Small Gov Demand(ESGSD-K)	336	80	80	0	0	0	2,973,953.53	547,886.63	0.00	0.00	0.00	547,886.63	3,521,840
		23.81%	23.81%	0.00%	0.00%	0.00%							
Large Government(ELGS-L)	42	20	20	0	0	0	2,386,610.60	586,112.94	0.00	0.00	0.00	586,112.94	2,972,723
		47.62%	47.62%	0.00%	0.00%	0.00%							
Gov Streetlight(ESTL-F)	619	6	5	1	0	1	498,139.61	271.98	53.49	0.00	110.95	436.42	498,576
		1%	0.81%	0.16%	0.00%	0.16%							
Sub-Total (Government)	1,684	165	161	4	2	2	6,384,417.03	1,191,672.62	2,149.66	13,836.07	2,043.96	1,209,702.31	7,594,119
		9.80%	9.56%	0.24%	0.12%	0.12%							
GRAND TOTAL	49,926	2,747	2,540	232	103	141	22,794,765.28	2,332,003.76	308,770.70	38,374.94	174,464.39	2,853,613.79	25,648,379
		5.50%	5.09%	0.46%	0.21%	0.28%							

GPA Work Session - July 18 2019 - DIVISION REPORTS

DATA: CSD PERSONNEL WORK ACTIVITIES
COMPILED BY: BRANDON(HSO) JEANNIE (TUMON) RITA (MAIN)

APPROVED BY: ELIZABETH MENDIOLA

Guam Power Authority
Customer Service Division
Employee Month-To-Date (MTD) Consolidated Report
May 2019

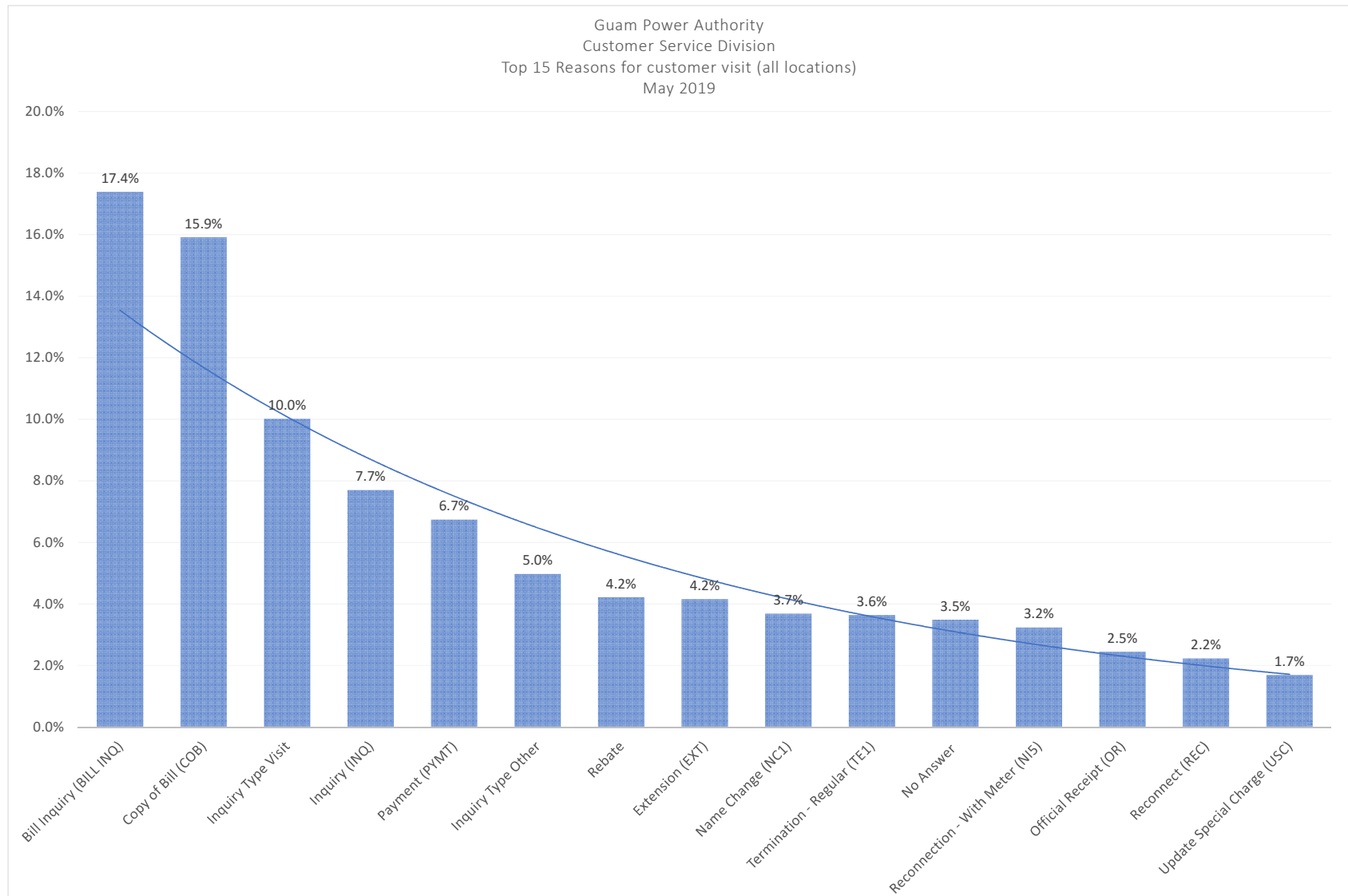
Reason(s) for visit	Transaction type	Fadian	% MTD	Hagatna	% MTD	Tumon	% MTD	TOTAL
New Install - Permanent (NI1)	Application	17	0.5%	3	0.1%	3	0.1%	23
New Install - Temporary (NI2)	Application	22	0.7%	0	0.0%	3	0.1%	25
New Install - Street Light (NI3)	Application	2	0.1%	0	0.0%	0	0.0%	2
Reconnection - Without Meter (NI4)	Application	2	0.1%	1	0.0%	2	0.1%	5
Reconnection - With Meter (NI5)	Application	109	3.5%	81	2.4%	148	3.7%	338
Name Change (NC1)	Application	93	3.0%	124	3.7%	168	4.3%	385
Name Change - Street Light (NC2)	Application	0	0.0%	0	0.0%	0	0.0%	0
Termination - Regular (TE1)	Termination	78	2.5%	147	4.3%	155	3.9%	380
Termination - Name Change (TE2)	Termination	0	0.0%	0	0.0%	0	0.0%	0
Termination - Non Payment (TE3)	Termination	0	0.0%	0	0.0%	0	0.0%	0
Termination - Typhoon (TE4)	Termination	0	0.0%	0	0.0%	0	0.0%	0
Termination - Removal (TE5)	Termination	5	0.2%	0	0.0%	1	0.0%	6
Termination (TE6)	Termination	6	0.2%	0	0.0%	0	0.0%	6
Work Clearance - Emergency (WCE)	Other	8	0.3%	4	0.1%	2	0.1%	14
Work Clearance - Underground (UG)	Other	19	0.6%	0	0.0%	0	0.0%	19
Work Clearance - Overhead (OH)	Other	29	0.9%	3	0.1%	5	0.1%	37
Meter Investigation (INV)	Other	1	0.0%	2	0.1%	2	0.1%	5
Meter Change Out / Calibration (MC1)	Other	4	0.1%	2	0.1%	0	0.0%	6
Meter Upgrade /Downgrade (MC3)	Other	1	0.0%	0	0.0%	0	0.0%	1
Misc Public Service (MPS)	Other	21	0.7%	7	0.2%	3	0.1%	31
Refund (RFD)	Other	16	0.5%	15	0.4%	22	0.6%	53
Relocation of Meter (RM1)	Other	12	0.4%	1	0.0%	1	0.0%	14
Street Light Repair (ST1)	Other	68	2.2%	1	0.0%	3	0.1%	72
Official Receipt (OR)	Other	62	2.0%	71	2.1%	123	3.1%	256
Update Special Charge (USC)	Other	0	0.0%	135	4.0%	42	1.1%	177
Inspection Report (IR)	Other	16	0.5%	11	0.3%	6	0.2%	33
Copy of Bill (COB)	Other	406	13.1%	681	20.1%	575	14.5%	1,662
Bill Inquiry (BILL INQ)	Other	313	10.1%	717	21.2%	786	19.9%	1,816
Bill Adjustment (BILL ADJ)	Other	5	0.2%	14	0.4%	1	0.0%	20
Address Change (ADDR CHG)	Other	45	1.4%	87	2.6%	38	1.0%	170
Deferred Payment Agreement (DPA)	Other	8	0.3%	1	0.0%	0	0.0%	9
Prepaid	Other	53	1.7%	46	1.4%	29	0.7%	128
Rebate	Other	206	6.6%	129	3.8%	105	2.7%	440
ACH/EFT	Other	1	0.0%	5	0.1%	2	0.1%	8
No Answer	Other	235	7.6%	85	2.5%	44	1.1%	364
Inquiry Type Visit	Other	169	5.4%	175	5.2%	702	17.8%	1,046
Inquiry Type Other	Other	231	7.4%	126	3.7%	163	4.1%	520
Inquiry (INQ)	Active Delinquent	314	10.1%	297	8.8%	193	4.9%	804
Payment (PYMT)	Active Delinquent	233	7.5%	104	3.1%	367	9.3%	704
Do Not Disconnect (DND)	Active Delinquent	3	0.1%	0	0.0%	0	0.0%	3
Extension (EXT)	Active Delinquent	140	4.5%	189	5.6%	105	2.7%	434
Reconnect (REC)	Active Delinquent	80	2.6%	42	1.2%	111	2.8%	233
Inquiry (INQ)	Inactive	44	1.4%	59	1.7%	15	0.4%	118
Payment (PYMT)	Inactive	19	0.6%	7	0.2%	10	0.3%	36
Transfer Balance (TRF BAL)	Inactive	14	0.5%	10	0.3%	17	0.4%	41
Total transactions by location		3,110		3,382		3,952		
Grand total for all locations								10,444

Customer contact by type	Fadian	%	Hagatna	%	Tumon	%
Visit (V)*	1,731	86.0%	1,809	87.1%	2,157	86.6%
Telephone (T)	66	3.3%	72	3.5%	100	4.0%
Mail (M)	110	5.5%	64	3.1%	85	3.4%
Fax (F)	0	0.0%	5	0.2%	0	0.0%
Transfer Call (TRF CALL)	15	0.7%	32	1.5%	50	2.0%
Other (OTHER)	90	4.5%	96	4.6%	100	4.0%
Total customer contacts	2,012		2,078		2,492	

*Visit (V) type customer contact may have more than one reason code applied in JDE Customer Login Service Tracking System.

Duration of wait time for "Visit (V)" type customer contact	Fadian	%	Hagatna	%	Tumon	%
Less than 10 minutes	686	40%	1,143	63%	1,720	80%
10-15 minutes	229	13%	265	15%	224	10%
16-30 minutes	417	24%	314	17%	179	8%
More than 30 minutes	399	23%	85	5%	34	2%
Total "Visit (V)" customers contacts	1,731		1,807		2,157	

GPA Work Session - July 18 2019 - DIVISION REPORTS

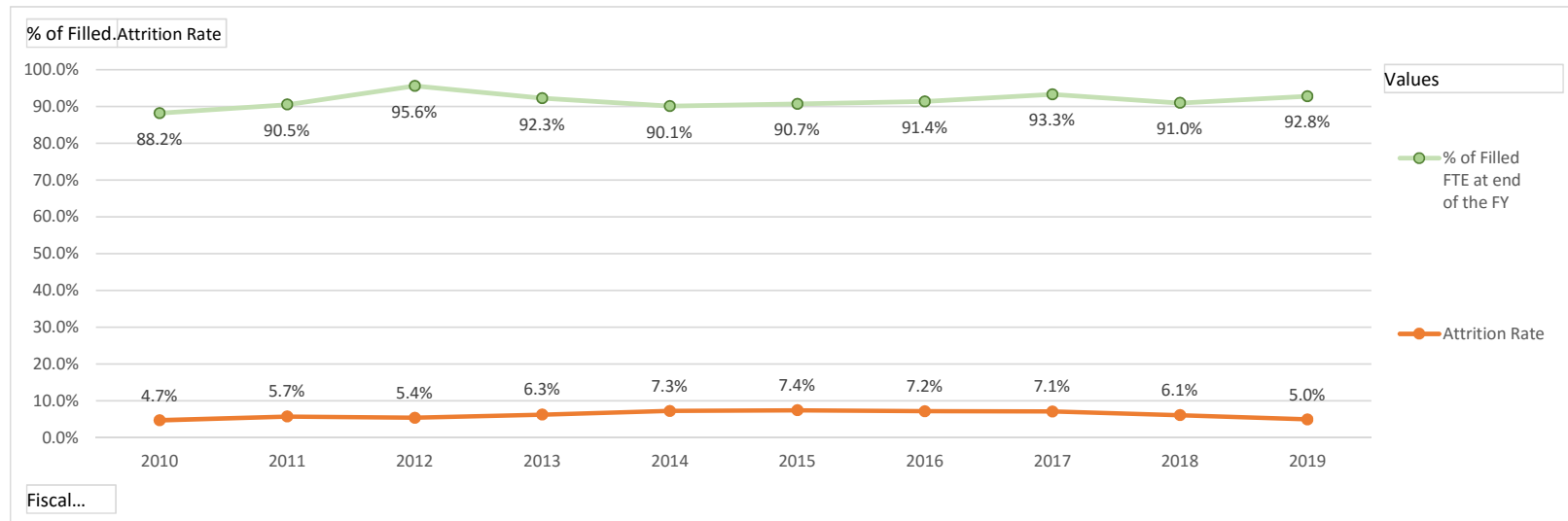


Guam Power Authority

Human Resources Division

FY 2019 Recruitment Analysis

as of May 31, 2019



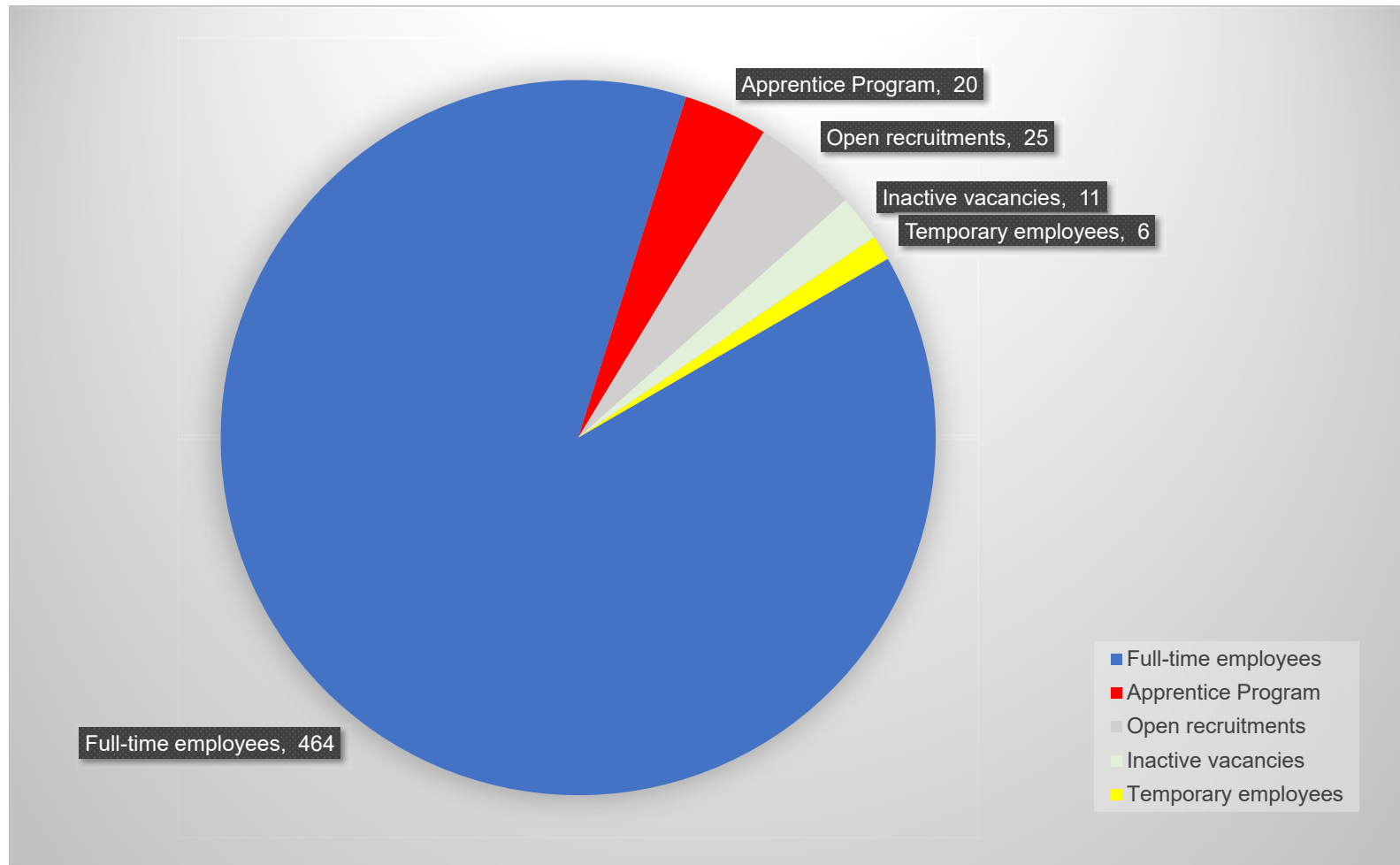
Fiscal Year	New Hire	Promotion	Termination	Death	Resignation	Retirement	Attrition Rate	Total Authorized FTE	Total Filled FTE at end of the FY	% of Filled FTE at end of the FY
2010	13	20	0	1	12	12	4.7%	592	522	88.2%
2011	44	23	4	0	14	12	5.7%	592	536	90.5%
2012	36	24	1	2	19	7	5.4%	568	543	95.6%
2013	15	26	1	3	14	16	6.3%	568	524	92.3%
2014	26	27	1	0	13	24	7.3%	568	512	90.1%
2015	15	25	2	1	19	16	7.4%	539	489	90.7%
2016	12	20	3	1	15	16	7.2%	510	466	91.4%
2017	42	15	0	1	13	19	7.1%	510	476	93.3%
2018	17	16	0	3	15	11	6.1%	510	464	91.0%
2019	26	18	3	3	6	11	5.0%	500	464	92.8%

Guam Power Authority

Human Resources Division

FY 2019 Staffing Report

as of May 31, 2019



Guam Power Authority

Human Resources Division

FY 2019 Staffing Report

as of May 31, 2019

Department / Division / Program	Prior Month Employee Count	Current Month Employee Count	No. of Vacancies Prior Month	No. of Vacancies Current Month	Total Staffing
Assistant GM - Administration	2	2	-	-	2
Assistant GM - Engineering & Technical Services	1	1	-	-	1
Assistant GM - Operations	2	2	-	-	2
Consolidated Commission on Utilities Board	2	2	-	-	2
Customer Service	31	31	1	3	34
Engineering	38	38	1	1	39
Facilities	9	9	-	-	9
Finance	43	43	1	1	44
General Manager (GM)	4	4	-	-	4
Generation	121	120	9	10	130
Human Resources	9	9	1	1	10
Information Technology	16	15	1	1	16
Internal Audit / Revenue Protection	3	3	-	-	3
Planning and Regulatory	8	8	-	-	8
Power System Control Center	25	25	2	2	27
Procurement	20	19	2	3	22
Public Information Office	2	2	-	-	2
Safety	6	6	1	1	7
Strategic Planning and Operations Research Division	10	10	1	1	11
Transmission and Distribution	104	104	13	12	116
Transportation	11	11	-	-	11
Total full-time permanent employees	467	464	33	36	500
Apprenticeship Program	20	20	-	-	20
JOBS Program / GETP / SCSEP*	-	-	-	-	-
Summer Engineering Internship Program	-	-	-	-	-
Temporary hires (Public Law 34-116)	4	5	-	-	5
Work Experience Program	2	1	-	-	1
Total contractual / temporary employees	26	26	-	-	26
Work Force Grand Total	493	490	33	36	526

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

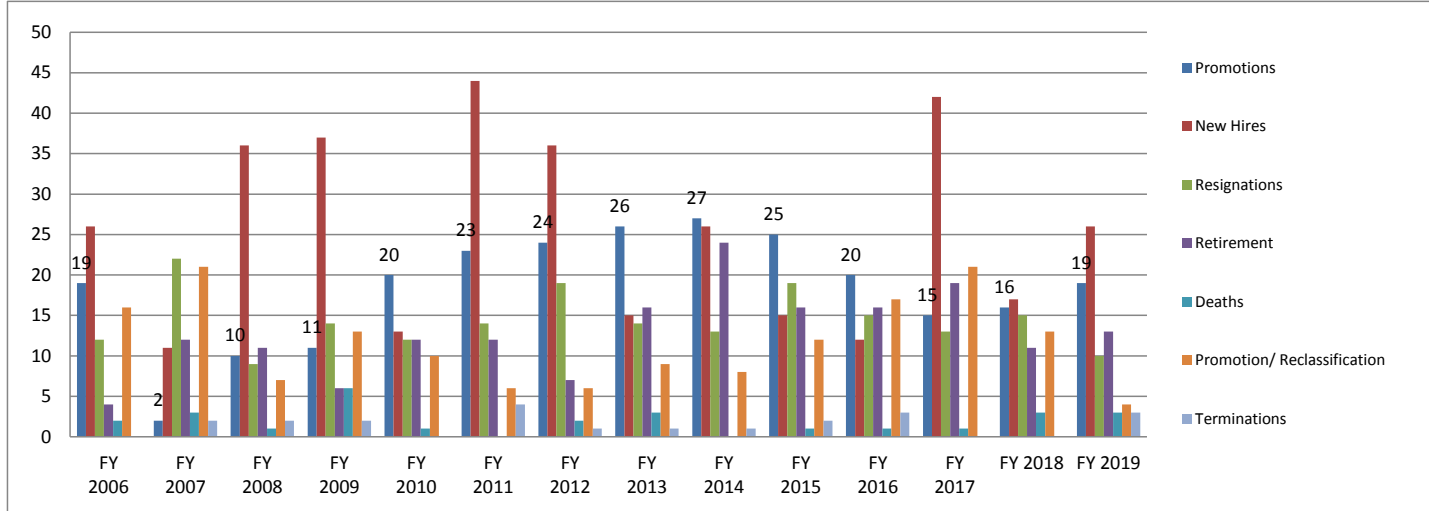
RECRUITMENT ANALYSIS

Fiscal Year	Promotions	New Hires	Resignations	Retirement	Deaths	Promotion/ Reclassification	Terminations	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	16	17	15	11	3	13	0	510	6.1%	464	91.0%
2019	19	26	10	13	3	4	3	500	6.3%	459	91.8%

Recruitment Analysis (FY 2019) ..1 of 2

as of 06/30/19

GPA Work Session - July 18 2019 - DIVISION REPORTS



	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	FY 2019
Promotions	19	2	10	11	20	23	24	26	27	25	20	15	16	19
New Hires	26	11	36	37	13	44	36	15	26	15	12	42	17	26
Resignations	12	22	9	14	12	14	19	14	13	19	15	13	15	10
Retirement	4	12	11	6	12	12	7	16	24	16	16	19	11	13
Deaths	2	3	1	6	1	0	2	3	0	1	1	1	3	3
Promotion/Reclassification	16	21	7	13	10	6	6	9	8	12	17	21	13	4
Terminations	0	2	2	2	0	4	1	1	1	2	3	0	0	3

TOTAL NO. OF EMPLOYEES	536	510	525	534	522	536	543	524	512	489	466	476	464	459
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Recruitment Analysis (FY 2019) .. 2 of 2

as of 06/30/19

**GUAM POWER AUTHORITY
HUMAN RESOURCES DIVISION
STAFFING REPORT (FY 2019)
AS OF JUNE 30, 2019**

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	3	3	0	0	0	0	0	0	0	3
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)	2	2	0	0	0	0	0	0	0	2
ASSISTANT GENERAL MGR (AGMO) 50900	2	2	0	0	0	0	0	0	0	2
STRAT PLANN & OPTNS RESEARCH DIV	10	10	0	0	0	0	0	1	1	11
FACILITIES	9	9	0	0	0	0	0	0	0	9
HUMAN RESOURCES	9	9	0	0	0	0	0	1	1	10
CUSTOMER SERVICES	31	31	1	0	0	0	1	3	3	34
INFORMATION TECHNOLOGY	15	15	0	0	0	0	0	1	1	16
FINANCE	42	43	0	0	0	0	0	2	1	44
PROCUREMENT	19	19	0	0	0	0	0	3	3	22
TRANSPORTATION	10	11	0	0	0	1	0	1	0	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	38	38	0	0	0	0	0	1	1	39
GENERATION	119	120	0	0	0	1	0	11	10	130
TRANSMISSION/DISTRIBUTION	102	104	0	0	0	1	1	14	12	116
POWER SYSTEM CONTROL CENTER	25	25	0	0	0	0	0	2	2	27
	459	464	1	0	0	3	2	41	36	500
JOBS/SCSEP/GETP PARTICIPANTS	0	0								0
WORK EXPERIENCE PROGRAM	1	1								1
APPRENTICESHIP PROGRAM	20	20								20
SUMMER ENGINEERING INTERNS	7	0								7
TEMPORARY (P.L. 34-116)	5	5								5
GRAND TOTAL WORKFORCE:	492	490	1	0	0	3	2	41	36	533

FTE Count per FY19 FMP: 500

Current vacancies adjusted to reflect FTE of 500

** 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 - Transmission & Distribution combined total

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

** P.L. 34-116

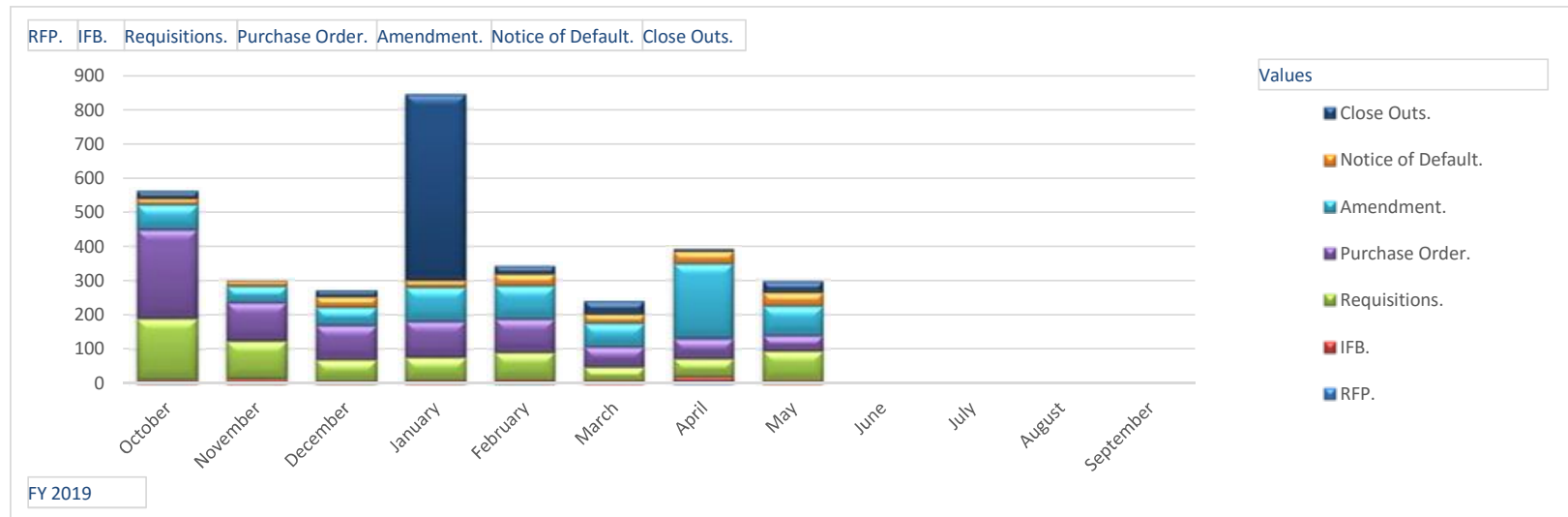
Staffing Report as of June 30, 2019 - PREPARED BY: C. Aguilar

Guam Power Authority

Procurement Division

FY 2019 GPA Buyer's Monthly Report

as of 5/31/2019



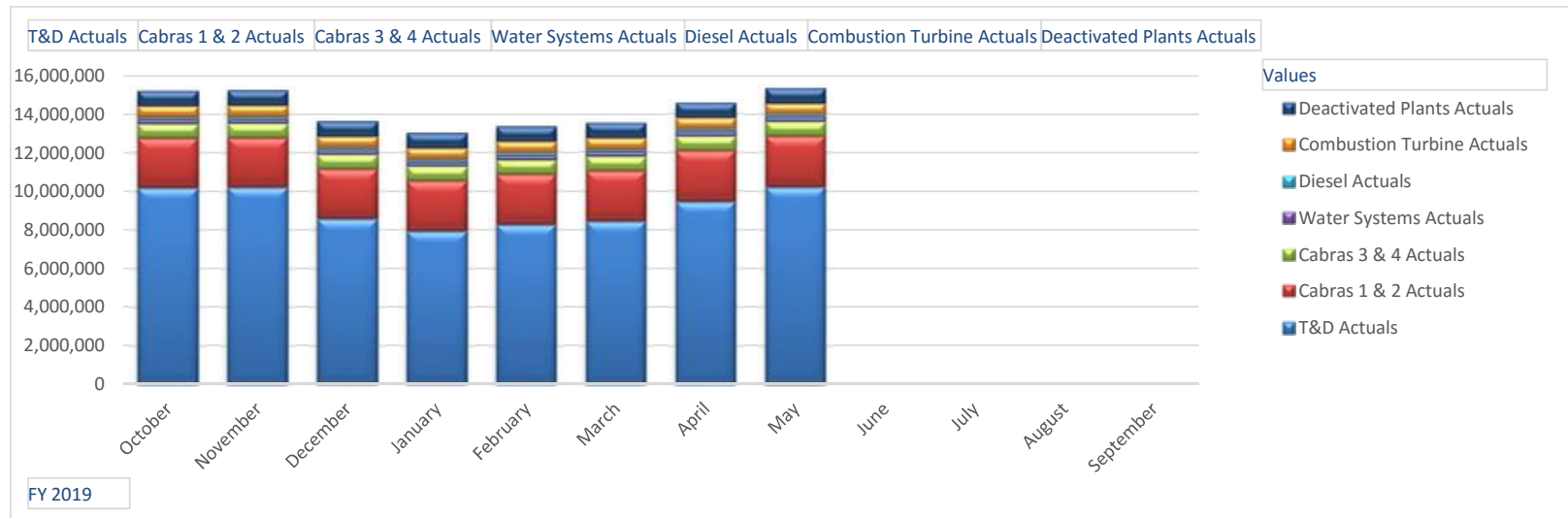
FY 2019	RFP	IFB	Requisitions	Purchase Order	Amendment	Notice of Default	Close Outs
October	2	7	180	260	72	18	23
November	1	11	110	112	47	15	1
December	1	5	63	99	52	30	19
January	1	8	67	106	99	20	543
February	3	6	81	97	96	34	25
March	0	7	40	59	68	26	39
April	6	14	52	58	217	37	6
May	0	6	88	45	85	39	33
June							
July							
August							
September							

Guam Power Authority

Procurement Division

FY 2019 GPA Inventory Actuals

as of 05/31/2019

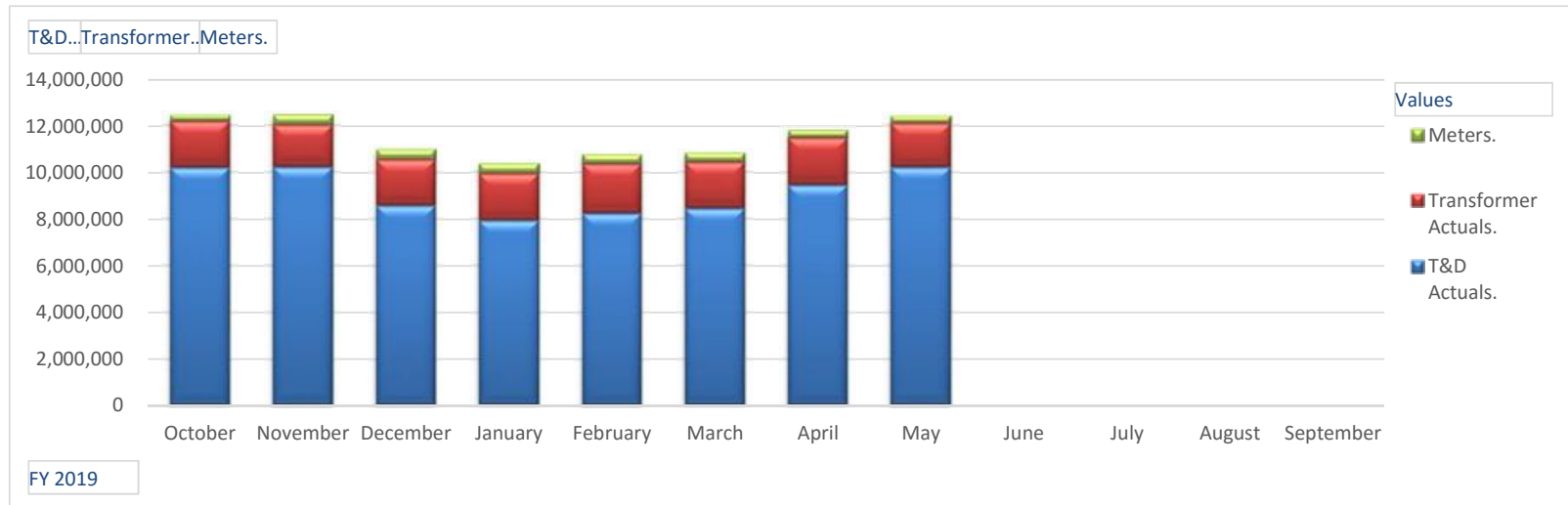


FY 2019	T&D Actuals	Cabras 1 & 2 Actuals	Cabras 3 & 4 Actuals	Water Systems Actuals	Diesel Actuals	Combustion Turbine Actuals	Deactivated Plants Actuals
October	10,192,560	2,576,234	747,186	205,212	146,311	575,635	790,114
November	10,212,445	2,574,016	747,186	219,148	146,311	575,635	790,114
December	8,581,316	2,582,779	747,186	221,514	144,680	575,635	790,114
January	7,923,172	2,614,746	747,186	223,659	144,680	575,635	790,114
February	8,260,305	2,615,482	747,186	224,309	144,680	575,635	790,114
March	8,435,835	2,613,717	747,674	232,164	144,680	574,489	788,968
April	9,458,745	2,634,422	747,674	230,236	144,680	573,623	788,101
May	10,217,712	2,640,723	747,587	238,396	144,683	573,623	788,101
June							
July							
August							
September							

Guam Power Authority

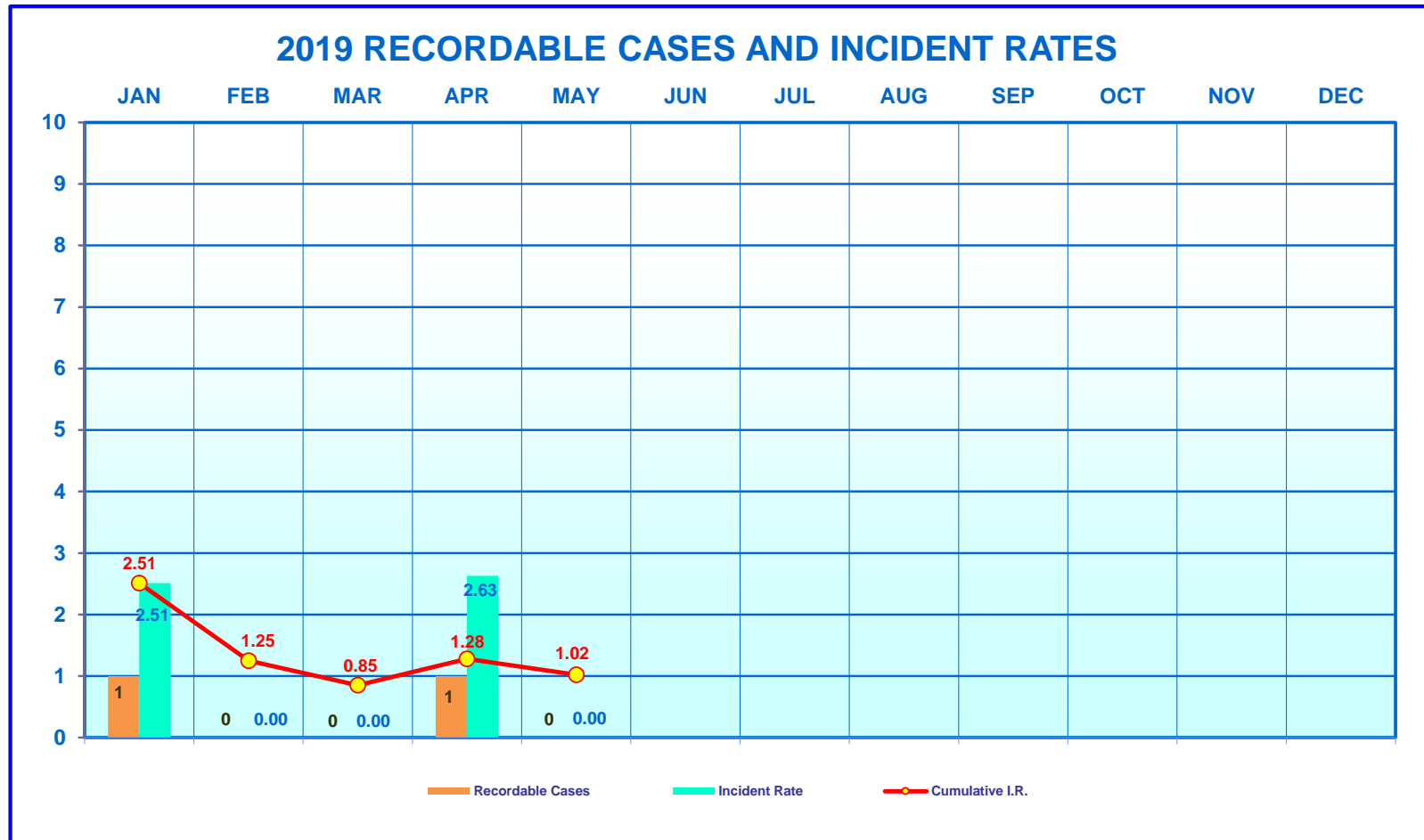
Procurement Division

FY 2019 Transmission and Distribution (T&D) Inventory Actuals as of 05/31/2019

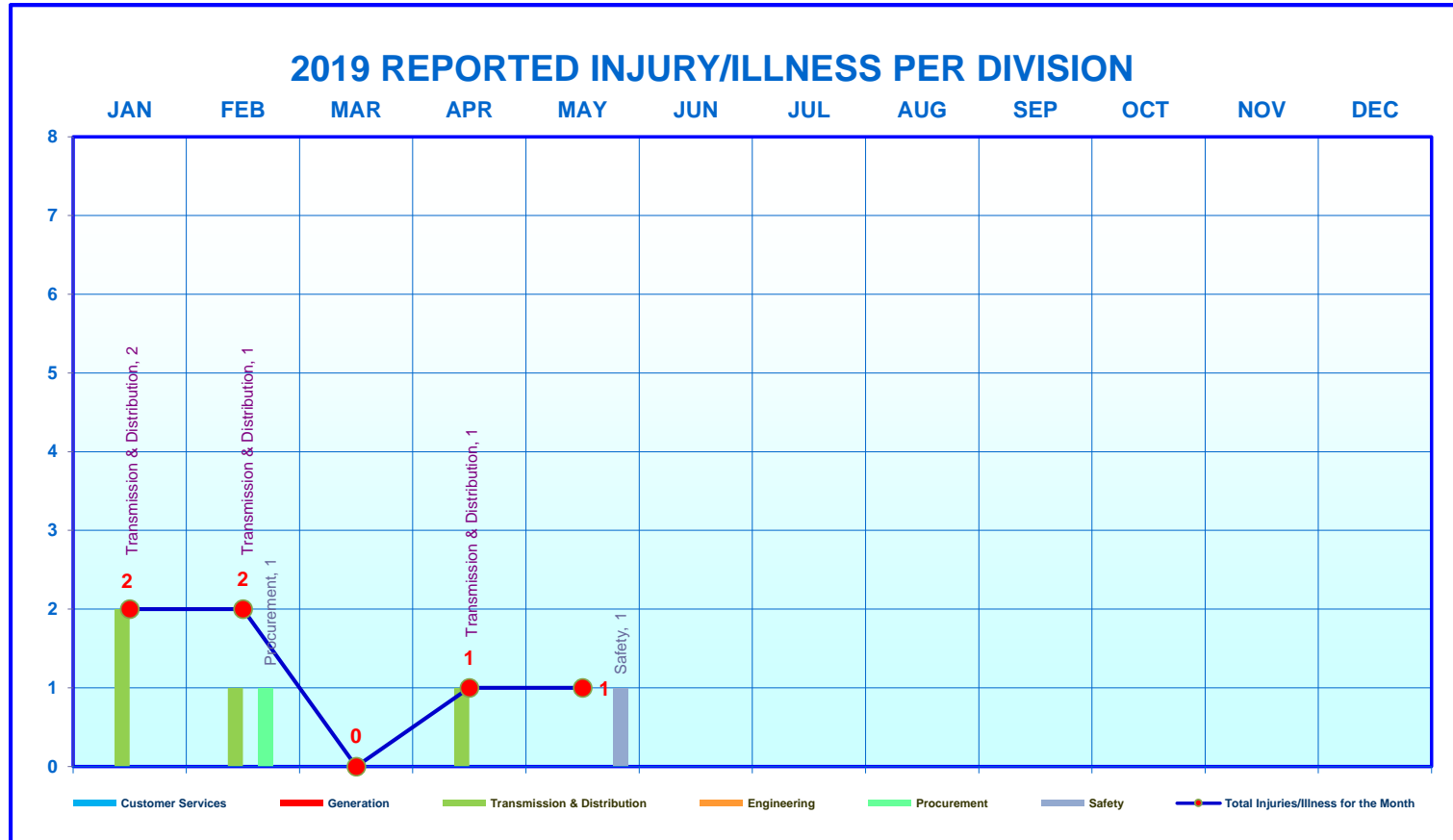


FY 2019	T&D Actuals	Transformer Actuals	Meters
October	10,192,560	1,992,628	263,348
November	10,212,445	1,814,087	445,204
December	8,581,316	1,973,234	452,004
January	7,923,172	2,020,094	430,380
February	8,230,305	2,138,182	405,900
March	8,435,835	1,992,878	397,740
April	9,458,745	2,041,378	332,460
May	10,217,712	1,879,987	325,660
June			
July			
August			
September			

2019 Incident Rate

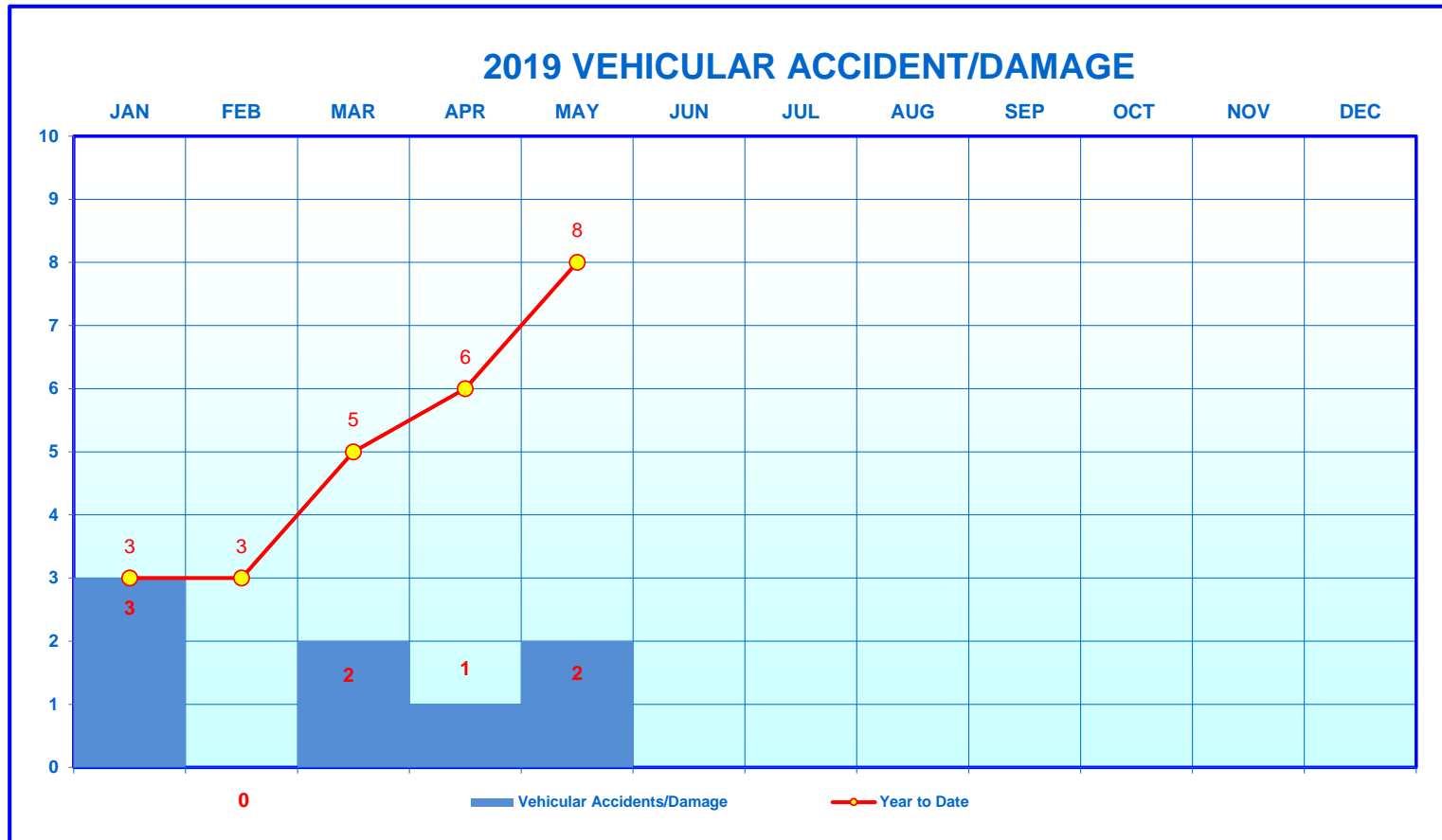


SAFETY DIVISION MONTHLY REPORT



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

SAFETY DIVISION MONTHLY REPORT



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Vehicular Accidents/Damage	3	0	2	1	2							
Year to Date	3	3	5	6	8							
Accidents attributed to Employee fault	2	0	2	0	0							



GPA Communications/PIO KPI Status

18 July 2019

Ratepayer Newsletter



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

Status

1. June "Insights" newsletter content compiled and in circulation;
2. Standard features of recipe, village fiesta schedule for newsletter content;
3. Featured "Outage Intermittency" story also used as CS talking point(s)

Accomplishments

1. Completed June *Insights* Ratepayer Newsletter
2. July issue planning; will meet deadline

Risks and Issues

1. None to report;

Resolution

Financial

Budgeted for FY19

7/17/2019



No corrective action required



Legend:
Near-term corrective action required



Requires immediate attention

2018 Annual Report Project



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

Status

1. FY2018 Annual Report production ongoing;
2. Inclusion of Citizens Centric Report on project bid;
3. Write up content under review for editing

Accomplishments

1. Completed GPA FY2017 Report;
2. FY 2017 Annual Report prepared for and distributed to all government officials – Executive and Legislative branches to include all 19 Mayors and 7 Vice Mayors

Risks and Issues

1. None to Report

Resolution

Financial

None to report

Within Budget

Legend:



No corrective action required



Near-term corrective action required



Requires immediate attention

7/17/2019

3

30th Pacific Island Environmental Conference



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

Status

1. Arranged sponsorship with event coordinators;
2. Prepared for booth/table display and promotional items.

Accomplishments

1. Sponsorship Level "Ayuyu" level @ \$3k;
2. Completed Registrants with Planning & Regulatory, SPORD and Engineering

Risks and Issues	Resolution	Financial
1. None to report		Within budget

7/17/2019



No corrective action required



Legend:
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. Continued outreach via advertising mediums;

Accomplishments

1. Electronic billboards on display with Cherry Media Vision, Tri Vision Media and Vantage Advertising;
2. Channel 9 promotion
3. Print advertisements with Pacific Island Times publication.

Risks and Issues

1. SPORD support pending additional funding;

Resolution

PIO supporting DSM marketing pending additional SPORD funding

Financial

Budget Support for SPORD for Phase II & III

7/17/2019



No corrective action required



Legend:
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. Completion of AV Control Room construction.
2. Inventory and installation of equipment completed;
3. Ongoing testing of systems in progress

Accomplishments

1. AV Control Room and equipment installation completed.

Risks and Issues	Resolution	Financial
1. None to report at this time		Funding with IT Division & GWA for audio & video equipment expected

7/17/2019



No corrective action required



Legend:
Near-term corrective action required



Requires immediate attention

50th Anniversary Activities



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

Status	Accomplishments
1. 50 th Anniversary Wall completed;	50 th Anniversary Wall completed

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

7/17/2019



No corrective action required



Legend:
Near-term corrective action required



Requires immediate attention

Super Typhoon Yutu Recovery Documentary Video



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

Status	Accomplishments
<ol style="list-style-type: none"> Video Documentary Project Phase II completed 	<ol style="list-style-type: none"> Shared video project with American Public Power Association; Posted video project on YouTube.

Risks and Issues	Resolution	Financial
<ol style="list-style-type: none"> None 		<ol style="list-style-type: none"> None to report

7/17/2019

No corrective action
required

Legend:
Near-term corrective
action required

Requires immediate
attention

Graphic Projects/Social Media



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

Status

1. Tumon UG Project completed;
2. LED Streetlight campaign ongoing via social media;
3. LEAC graphic pending feedback

All graphic projects are produced for social media and web page inclusion.

Accomplishments

1. UG Tumon Graphics ready for rollout;
2. LED Streetlight Campaign on Facebook and website;

Risks and Issues

1. None to report;

Resolution

Financial

Budgeted for FY19

7/17/2019



No corrective action required



Legend:
Near-term corrective action required



Requires immediate attention

Miscellaneous Activities



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

Status

1. GPA Web page redesign work online and updated as necessary
2. Monitoring of CS Business Centers
3. Standard Media Releases for outage and news reporting is on-going;
 1. UFLS
 2. Wire Theft
 3. Utility Phone Scam
4. Procurement Cards for upcoming Vendor Fair in July 2019;
5. SEP (Smart Energy Provider) Award coordination;
6. BEST Schools feature article coordination with GDOE;

Accomplishments

1. APPA Conference Support
 1. APPA Video/Presentation Production;
 2. Mutual Aid application facilitation;
2. Citizens Centric Report completed

Financial

None to report

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

Legend:



No corrective action required



Near-term corrective action required



Requires immediate attention

7/17/2019

10

PLANNING & REGULATORY DIVISION REPORT

The following summarizes P&R's activities for the month of June 2019

INSPECTIONS/MONITORING

- Best Management Practices (BMP) Weekly Inspection/Report – Cabras Power Plant
- Monthly Spill Prevention, Control and Countermeasures (SPCC) Inspection/Report – Cabras Power Plant, Macheche, Dededo, Yigo CT, Talofoto, MDI, Tenjo Diesel, Piti 7 Power Plants, IP&E fuel Farm.
- Reviews monthly Continuous Emissions Monitoring System (CEMS) report and monitors TRC's O & M for Tenjo Diesel
- Inspected and trouble shoot RICE MACT monitoring equipment at Tenjo, Talofoto and MDI
- Emissions and Limits Tracking for GPA and Aggreko Power Plants
 - Monitoring CO and NOx emissions of the Aggreko generators not to exceed the allowable limit.
 - GPA Plants Limits based on Hours and/or Fuel Use
 - Report show remaining balance for the month in terms of MWH as per request of PSCC
 - Dededo CT is in terms of hours
- WSD/WWSD survey of AST secondary containment and GIS in preparation for New AST permitting requirement
- GPA-GWA aboveground storage tanks inspections in compliance for the GEPA permit application.
- Accompanied NAVFAC personnel in the inspection of Tanguisson Power Plant assets

DISPOSAL OF WASTES

- Prepared scope of work for bid on the used oil disposal of PCB quantifiable transformers in Dededo Sub.

EMISSION TESTING

- Reviewed draft of CEMS Relative Accuracy Test Audit report by TRC.

ENERGY RECOVERY

- Took oil sample for PCB oil analysis at Dededo Tank 1
- Took oil sample for Used oil analysis at Transportation.

ENVIRONMENTAL RESPONSE

- Inspected the vandalized transformer in Maeda Pacific at Harmon Industrial Park.
- Responded to pole mount transformer spill near Hagatna pool.
- Responded to GMH regarding questions they had on the previous month padmount transformer oil spill at their facility

NPDES Permit

PROCUREMENT

- MSB GPA-007-18 – evaluation of contractor submittals for Multi-Step Bid for Renewable Energy Resource Phase III
- GPA-RFP-19-002 – continued evaluation of contractor submittals for Consulting Services for Smart Grid Analytics Studies
- Committee Member for GPA-028-19, out of service inspection & refurbishment of GPA Bulk Storage Fuel Tanks

REPORTING

- Prepared and submitted Toxic Release Inventory Report to USEPA

STATE IMPLEMENTATION PLAN (SIP)

- Made Revisions to control strategy, set up meeting with Guam EPA to Discuss

TRAINING/CONFERENCES

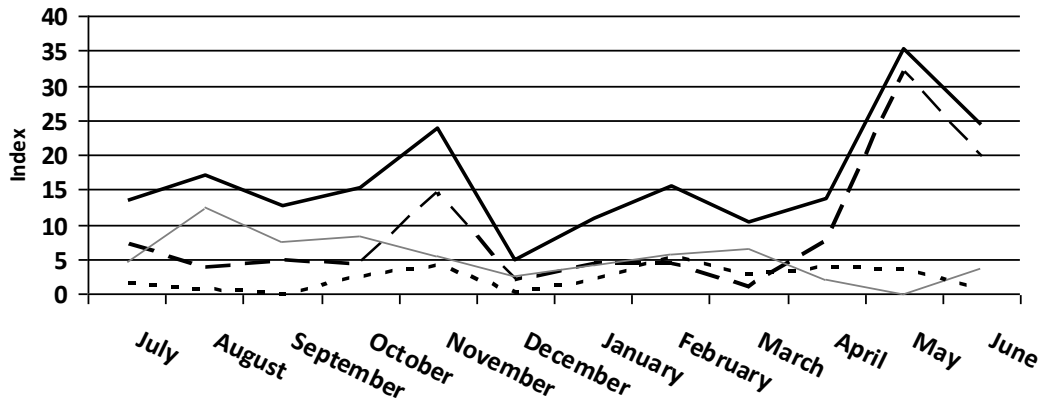
- Pacific Island Environmental Conference, PIEC! – Attended the 2 day Main Conference and hosted a booth to disseminate information about GPA, Highlighting the New Power Plant and GPA's progress in Renewables.
- GPA hosted and attended US EPA SPCC Regulatory Update. This included Compliance Assistance Training and updates on the Aboveground Storage Tank Registration Program

OTHERS

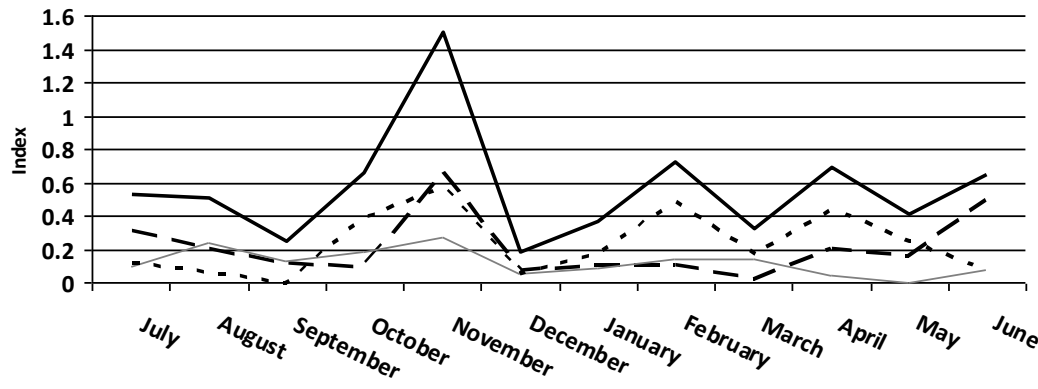
- Provided WSD a layout/Drawing of a New Generator and Fuel Storage Tank at Public Health Generator Bldg. in Mangilao.
- Submitted AST Application to GEPA.
- SPCC Plan preparation for GWA AST.
- Engineering Internship Program – we have one intern this year. We are training him on the various compliance programs that GPA must follow. This includes field inspections, spill response, etc.



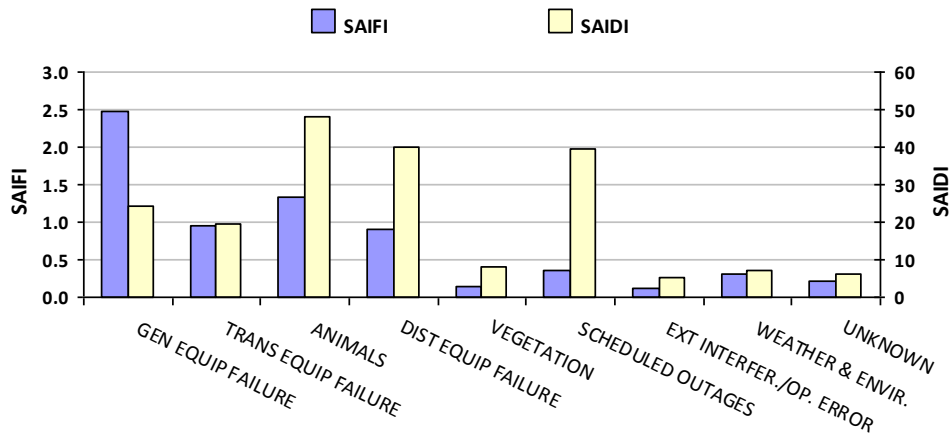
(Item 1.1,1.2,1.5) June 2019 SAIDI = 197.65 ↑ (181.18)



(Item 1.1,1.2,1.5) June 2019 SAIFI = 6.78 ↑ (6.53)

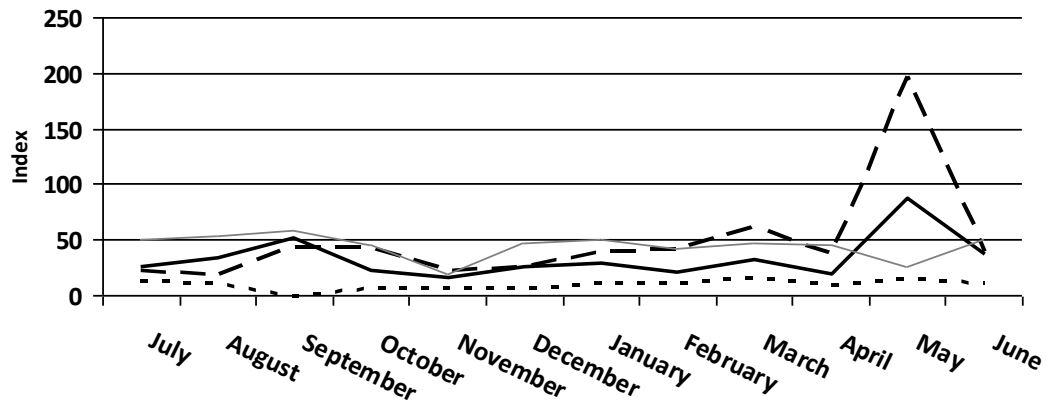
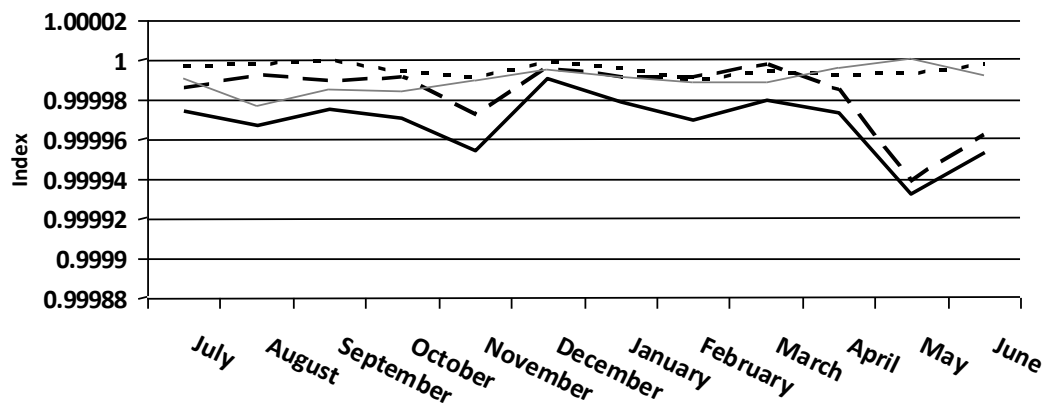


(Item 1.9) 12-Month Cause Contributions to Reliability



GEN EQUIP FAILURE
F:34.4% D:12.2%
TRANS EQUIP FAILURE
F:13.5% D:9.9%
ANIMALS
F:18.6% D:24.3%
DIST EQUIP FAILURE
F:13.7% D:20.2%
VEGETATION
F:2.3% D:4.1%
SCHEDULED OUTAGES
F:7.4% D:20.1%
EXT INTERFER./OP. ERROR
F:2.1% D:2.5%
WEATHER & ENVIR.
F:5.1% D:3.5%
UNKNOWN
F:3.0% D:3.2%

As of June 30, 2019

(Item 1.1,1.2,1.5) June 2019 CAIDI = 29.14 ↑ (27.75)**(Item 1.1,1.2,1.5) June 2019 ASAI = 0.9996 ↓ (0.9997)****(Item 1.4) Top 5 Worst Feeders Distribution Causes**

#	Feeder	Outage Count
1	P340	12
2	P261	12
3	P341	9
4	P262	9
5	P294	9

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
708	278	430

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Wind	112
2	Overhead Equipment	52
3	Substation Equipment	19
4	Vegetation	9
5	Underground Equipment	9

(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
45.70	3.88	11.79

E&TS Divisional Report Summary

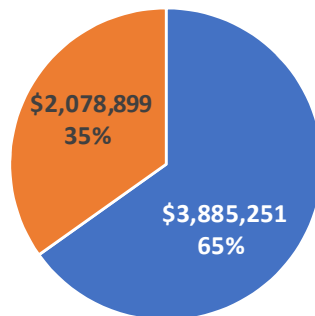
July 12, 2019

Contents

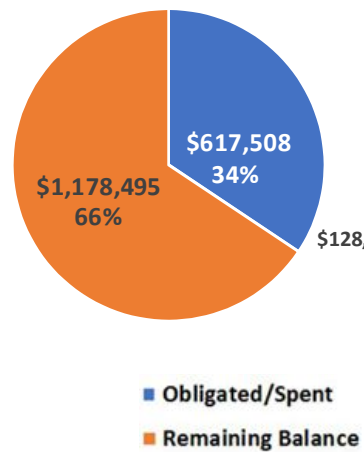
- E&TS Budget Execution Performance
 - O&M Contract Budget
 - CIP Budget
 - DSM Budget
- Environmental Compliance (SPCC and BMP Inspections)

E&TS Budget Execution Performance

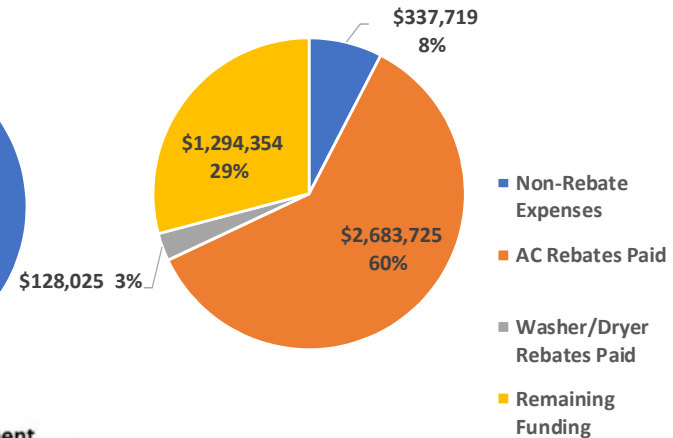
E&TS O&M Contract Budget



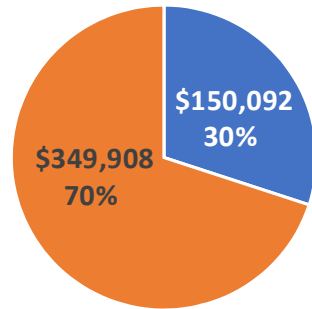
E&TS CIP Budget



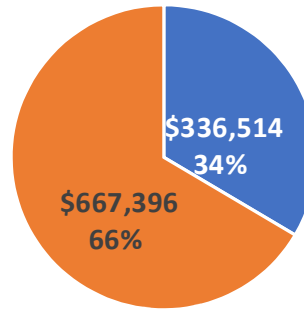
DEC 2015 to JUN 2019 DSM EXPENSE SUMMARY



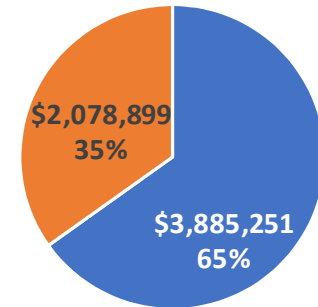
ENG O&M Contract Budget



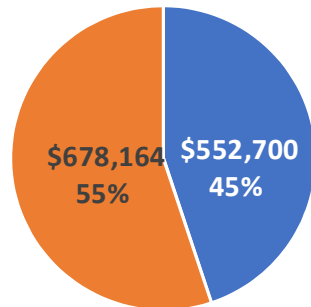
SPORD O&M Contract Budget



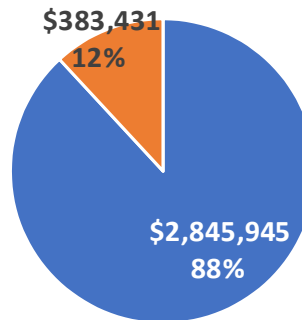
E&TS O&M Contract Budget



P&R O&M Contract Budget

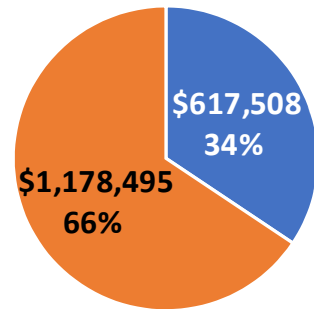


IT O&M Contract Budget

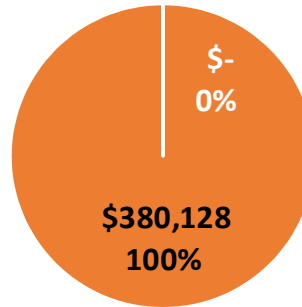


■ Obligated/Spent
■ Remaining Balance

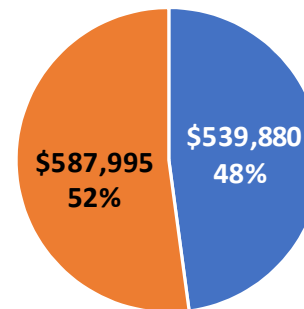
ENG CIP Contract Budget



SPORD CIP Budget



IT CIP Budget



■ Obligated/Spent
■ Remaining Balance

FY 2019 Procurement Status

Business Unit	Current Type					Current Status			Planned			
	RFP	Bid	Multistep Bid	Total	Resolicited	QBL Established	Evaluation Completed	Award/NTP	RFP	Bid	Multistep Bid	Total
SPORD	1		9	10			6		1		3	4
Engineering	3	24		27			7	7	2	10		12
SPORD/Engineering							2					
IT	1	3		4			2	2		2		2
P&R			2	2			1	2		2		2
Total	5	27	11	43	0	0	18	11	3	14	3	20

Environmental Compliance

P&R Inspections Status Ending June 30, 2019

Inspection Type	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Generation	New Violation Notifications Issued	4
		Remediations Past Due	18
		Remediations Not Past Due	0
	T&D	New Violation Notifications Issued	1
		Remediations Past Due	1
		Remediations Not Past Due	0
Best Management Practices (BMPs)	Generation	New Violation Notifications Issued	1
		Remediations Past Due	4
		Remediations Not Past Due	0

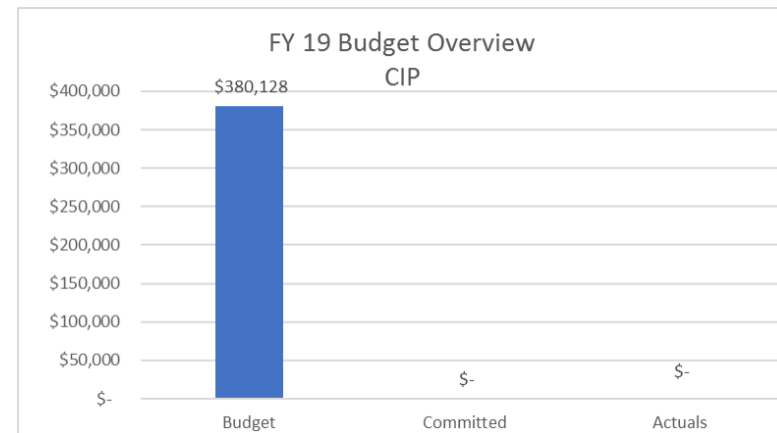
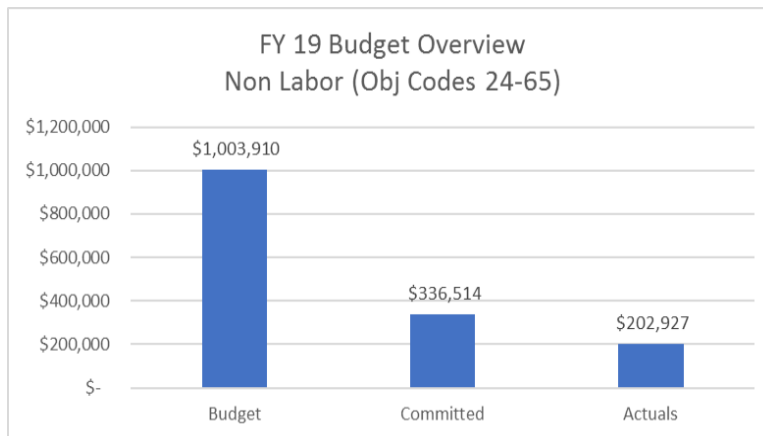
- SPCC rule purpose is to help facilities prevent oil discharges into navigable waters or adjoining shorelines
- BMP refers to a type of auxiliary pollution controls in the fields of industrial wastewater control and municipal sewage control, storm water management, and wetland management

SPORD CCU Report

Update thru June 30, 2019

SPORD FY 2019 Budget Status

thru June 30, 2019



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

SPORD FY 2019 Budget Status

- Major Contracts (Non-O&M) thru June 2019

	Budgeted Amount	Committed Amount	Actuals	PO Balance
Aggreko Contract	\$ 12,822,000	\$ 12,414,831	\$ 8,058,060	\$ 4,356,771
Fuel Contracts	\$ 272,011,115	\$ 253,561,011	\$ 150,792,664	\$ 102,768,348
MEC IPP (Piti 8&9)	\$ 21,183,000	\$ 17,962,570	\$ 14,617,366	\$ 3,345,203
NRG Contract (Renewable)	\$ 10,463,361	\$ 10,178,157	\$ 6,496,211	\$ 3,681,946

SPORD FY 2019 Budget Status

Demand Side Management

Description	FY16	FY17	FY18	FY19 thru 6/30/19*	Total to Date
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$34,093.68	\$93,820.31
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	\$233,831.05
Ads & Radio Announcements	-	-	-	\$7,500.00	\$7,500.00
Paid Rebates-Split AC	\$154,700.00	\$557,275.00	\$1,349,825.00	\$704,550.00	\$2,766,350.00
Paid Rebates- Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$4,200.00	\$20,200.00
Paid Rebates- Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$69,000.00	\$136,425.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$822,368.68	\$3,258,126.36
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$597.64	\$5,219.09
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$295.00	\$2,567.14
Ending Balance					\$1,089,728.59

- Expenses for June 2019 are preliminary and may be subject to adjustment during reconciliation process.
- FY18 and FY19 have been adjusted to reflect actual expenses.

Ongoing Activities

- Contract Performance Management (IPP, Agrekko)
- Generation Fuel Supply & Fuel Farm Management
- DSM Rebate Processing & UESC Program
- Renewables (Wind Turbine Maint & DOAg MOA, GPS Invoicing, Phase II Projects)
- New Power Plant Procurement
- Smart Grid/Network Support
- Project Management
 - Procurement
 - *June 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 (RAC)	SMART GRID	Mobile Workforce Management System (MWMS) **RE-BID**	MS Bid		3/30/2019	12/31/2019	Contract Negotiations
SPORD (MAT)	OPERATIONS	MEC Waste Oil Hauling	*not required*	*not required*	Est. 5/1/2019	1/30/2024 (5 Year contract)	Final stages of procurement processes.
SPORD (RAC)	PLANNING	MV90 Integration Services	RFP	*not required*	TBD	TBD	Vendor acquiring business license
SPORD (RAC)	PLANNING	Milsoft Systems Software Services	RFP	*not required*	Aug 2019	Aug 2019	Scheduling of Training August 2019
SPORD (LOS)	STUDIES	Power System Analyses and Studies	RFP		TBD	TBD	Pending Scope & Proposal for initial tasks
SPORD (RAC)	SCADA	DNP3 SA training	RFP		TBD	TBD	Price Negotiations Ongoing
SPORD (RAC)	SMARTWORK SYSTEMS	Smartworks Systems Software Services	RFP	RFP-19-007	Feb-19	4/11/2019	Price Negotiations Ongoing

ONGOING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Bid/RFP No	Announced	Bid Opening / Due	Notes
SPORD (FJI)	NEW POWER PLANT	Build, Operate & Transfer Contract for 120-180MW of New Generation Capacity.	MS Bid	GPA-034-18	1/16/2018	6/3/2019	Completed Price Proposal evaluation of proposals from 3 Bidders. Notice of Selection issued on 6/26/19. Pending negotiations and CCU and PUC approvals.
SPORD (ANF)	FUEL	Supply of Diesel Fuel Oil No. 2	MS Bid	GPA-008-18	11/16/2017	5/3/19, 5/10/2019, 5/17/2019, 5/24/2019	Completed Price Proposal evaluation for proposals from 2 Bidders. Notice of Selection issued on 6/26/19. Pending negotiations and CCU and PUC approvals.
SPORD (JTL)	RENEWABLES	Renewable Energy Resource Phase III	MS Bid	GPA-007-18	11/16/2017	6/3/2019	11 technical proposals received and evaluation ongoing. Notice of selection anticipated in July pending review progress.

PROCUREMENT ACTIVITIES

ONGOING PROCUREMENT (continued)

Responsible	PROJECT	Description	Bid or RFP	Bid/RFP No	Announced	Bid Opening / Due	Notes
SPORD (MAT)	FUEL / OPERATIONS	Handling and Hauling of GPA Used Oil and Supply of GPA Used Oil Meeting GPA Specifications	MS Bid	GPA-118-18	Sep-18	8/5/2019	Extended as requested by Senator Clynton E. Ridgell.
SPORD (MAT)	SPORD Software	Planning & Optimization Software	RFP	RFP-19-004		4/4/2019	No proposals received. Conducting market research prior to resolicitation if modifications to RFP are required.
SPORD (RAC)	STUDIES	Consulting Services for Distribution Study using Smart Grid Analytics	RFP	RE-SOLICITATION RFP-19-002	Feb-19	3/28/2019	Evaluation ongoing (3 vendors)
SPORD (RAC)	ELECTRIC VEHICLE	Electric Vehicle	MS Bid			TBD	Bid Evaluation ongoing

DEVELOPING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Projected Start	Projected Completion	Status
SPORD (RAC)	ELECTRIC VEHICLE	Electric Vehicle Infrastructure	RFP	Oct-19	Jun-20	Developing Requirements (hold)
Responsible	PROJECT	Description	Bid or RFP	Projected Start	Projected Completion	Status
SPORD (ANF/MAT)	FUEL	GPA Bulk Fuel Storage Facility PMC	Bid	FY2019	Sep-19	Developing Specifications to convert to PMC
SPORD (ANF)	FUEL	Bulk ULSD Supply	Re- Bid	FY2019	FY2019	Developing/revising specifications
SPORD (ANF)	FUEL	WSD ULSD Supply	Re- Bid	FY2019	FY2019	Developing/revising specifications

Project Activities

Check DSM rebate count
& cost #5

No.	Project Description	June 2019 Activities	Status / Est. Completion	RFP/Bid No
1	Energy Storage System (Phase I)	Final design completed. Clearing and grading permit work commenced in November 2017. Foundation permit work commenced in January 2018. Construction is 80% completed.	Oct 2019	MS Bid GPA-082-15
2	Renewable Energy Resource Phase II	On-going review for KEPCO-LGCNS substation design drawings for permitting. Hanwha working on interconnection scope and design.	KEPCO PV plant COD is APR 2021. Hanwha's COD is NLT Aug 22, 2021.	MS Bid GPA-070-16
3	New Power Plant Bid (EPCM)	Price proposals submitted on June 3 and Notice of Selection completed on 6/26/19. GPA and Company will initiate contract negotiations to finalize contract for CCU approval.	Projected Award (2019 Q3) COD (2022 Q2)	MS GPA-034-18
4	DSM Marketing	No additional activities funded for remaining of the year.	Continuous	
5	DSM Rebate Program	Processed about 395 equipment in applications for rebates totaling ~ \$119k	Continuous	
6	Wireless Network Expansion	Commenced Southern Expansion in collaboration with GWA: 30% Router Equipment and Accessories purchase Preparing next router order and installation documents	Dec-18 June 2019 October 2019	GPA-019-18
7	Electric Grid Analysis Software	Training on Planning and Analysis Cases Software Upgrade completed and access restored to employees	Aug-19 May-19	GPA-064-16
8	GDOE BEST Schools	<u>Pilot Project: Carbullido Elementary School & Lighting Grant Project: Southern High and George Washington High</u> - Finalized MOA with GDOE and initiated construction kick off meetings for construction start in July for all 3 sites.	Ongoing	GPA-RFP-16-013

Project Activities

No.	Project Description	June 2019 Activities	Status / Est. Completion	RFP/Bid No
9	Supervisory Control and Data Acquisition (SCADA) System	Project Substantially completed	Feb 2019 (Punchlist items by Sept 2019)	GPA-066-16
10	Mobile Workforce Management System	Initiated kickoff meetings. Developing workscope and deliverables	Dec-19	GPA-023-17
11	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	Evaluation ongoing (3 vendors)	July 2019 (Contract Award)	RE-SOLICITATION GPA-RFP-19-002
12	MEC Piti & #8 and #9 - ECA Extension	Contract Extension commenced 12:00 Noon January 29, 2019. (No issues) Need to request PUC approval for Retrofit to ULSD ASAP, to be able to start planning and procurement.	IN PROGRESS	
13	Generation Software (GADS open software)	Pending data entry from Generation & SPORD.	IN PROGRESS	
14	IFB for ULSD Supply for Baseloads and Peaking Units	Completed price proposal evaluations and submitted notice of selection on 6/26/19.	Start Date: Nov 2017 Est. completion: 2019	IFB GPA-008-18
15	EV Infrastructure	Fast charge station scope for Mangilao offices. Developing fast charge station scope for Mangilao offices.	6/1/2019	
16	Renewable Energy Resource Phase III	Completed pre-bid conference and site visits January 23-24 2018. GPA/Navy evaluating lease to address bidder questions. Bid extended pending amendment to include lease modifications.	6/3/2019 Tech Proposal Due	GPA-007-18
17	Utility Energy Services Contract (UESC)	Continued work with GDOE on Best Schools Program (Grant & Pilot) Continued discussions with Navy, KenCorp, Bank of Guam, UOG on potential scope.	Ongoing	
18	IFB for RFO Supply to Baseload Plants	Completed. 2-year Contract to commence on Dec 1, 2018 and will expire on August 31, 2020 with 3-1 year extension options	Completed	IFB GPA-009-18

Project Activities

No.	Project Description	June 2019 Activities	Status / Est. Completion	RFP/Bid No
19	GPA Fuel Farm RFO Pipeline Repair & Upgrade	c/o Engineering Project Mgt. Design completed. For permitting.	Permitting in progress. Project Implementation to follow. Estimated completion: FY 2019	IFB GPA-047-18
20	GPA Fuel Farm ULSD Pipeline Upgrade	c/o Engineering Project Mgt. Solicitation for Contractor(s) services in progress.	Solicitation in progress Estimated Start: May 2019 Est. Completion: Feb 2020	IFB GPA-027-19
21	Tk 1934 & Tk1935 API 653 Internal Inspection	c/o Engineering Project Mgt. Solicitation for Contractor(s) services in progress.	Solicitation in progress Estimated Start: Oct 2019 Est. Completion: Feb 2020	IFB GPA-028-19
22	Milsoft Systems Software Services	Scheduling of Training August 2019	Continuous	GPA-RFP-18-003
23	MV90 Integration Services	Vendor acquiring business license	Jun-19	GPA-RFP-18-001
24	Grant Support	Continued grant development and execution. Initiated Kickoff meeting for project start in July. 1. Execution of GW & Southern HS Lighting Retrofit with Siemens (UESC Partner) 2. Guam Energy Office EnergySmart School Grant finalizing scope and MOU 3. Development & Submittal of USDA Revolving Loan Grant		
25	Redesignation of Cabras-Piti / Guam	Re-designation received 12/2018. P&R leading SIP Modeling, SIP draft, with TRC assistance. SPORD standing by for support. 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; approval of SIP will come later.	RFP-11-001
26	Environmental Strategic Planning	Final Plan distributed to Executive Management and key managers. Will start work on recommendations.	Start: April 2018 Completed: Feb 2019	RFP-11-001

Project Activities

No.	Project Description	June 2019 Activities	Status / Est. Completion	RFP/Bid No
27	GPA Fuel Farm- OWS Upgrading	c/o Engineering Project Mgt. Scope included in Tk 1934 & Tk1935 API 653 Internal Inspection and repair.	Solicitation in progress Estimated Start: Feb 2019 Est. Completion: Feb 2020	IFB GPA-028-19
28	GPA Fuel Farm- LD System Upgrading	c/o Engineering Project Mgt. Scope included in Tk 1934 & Tk1935 API 653 Internal Inspection and repair.	Solicitation in progress Estimated Start: Feb 2019 Est. Completion: Feb 2020	IFB GPA-028-19
29	MSB for Supply of Reprocessed Waste Oil Meeting GPA's ULSD Specifications	Multi-step Bid for the Supply of Reprocessed Waste Oil Meeting GPA's ULSD Specifications. Supplier will haul Waste Oil from GPA WOF, reprocess waste oil to meet GPA's ULSD Specifications, and supply to designated GPA Power Plants	Announced : Sept 19 2018 Est. Award: September 2019	MS GPA-118-18
30	IFB for MEC Waste Oil Hauling	Bid for the Hauling of MEC Waste Oil.	Recommendation approved, awaiting completion of insurance requirements c/o procurement. Est. Commencement July 2019	GPA-019-19
31	Energy Storage Development Support	Consultant preparing proposal for third-party commissioning services	Sept/Oct 2019	GPA-RFP-13-007
32	Wind Turbine Maintenance Supervision and Materials	Consultant to supervise turbine repairs & replacement parts.	May/Jun 2019	Sole Source
33	Planning Software Contract	Procurement of Planning Software, including installation, design, implementation, training and consulting services. No bids received. Market Research on-going.	RFP Announcement: Est. June 2019 Est. Award: Sept 2019	RFP-19-004
34	Strategic Planning	On-going discussions for final & detailed SOW with consultant. (c/o Finance Contract w/ Mark Beauchamp)	Estimated Start: TBD Est. Completion: TBD	
35	Power System Analyses and Studies	S&C selected as most qualified proponent. Cost proposal is pending scope of work.	Estimated Start: TBD Est. Completion: Sept 2019	

CCU Report- DSM

As of June, 2019

All Expenses – Fiscal Year

Description	FY16	FY17	FY18	FY19 thru 6/30/19*	Total to Date
Regular/OT Pay	\$11,348.80	\$22,256.00	\$26,121.83	\$34,093.68	\$93,820.31
Other Contractual	\$28,278.50	\$85,550.05	\$116,977.50	\$3,025.00	\$233,831.05
Ads & Radio Announcements	-	-	-	\$7,500.00	\$7,500.00
Paid Rebates–Split AC	\$154,700.00	\$557,275.00	\$1,349,825.00	\$704,550.00	\$2,766,350.00
Paid Rebates– Central AC	\$3,400.00	\$8,200.00	\$4,400.00	\$4,200.00	\$20,200.00
Paid Rebates– Washer/Dryer	\$2,800.00	\$7,425.00	\$57,200.00	\$69,000.00	\$136,425.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,554,524.33	\$822,368.68	\$3,258,126.36
Bank Interest (+)	\$1,676.42	\$1,722.74	\$1,222.29	\$597.64	\$5,219.09
Bank Fees	\$155.00	\$1,032.06	\$1,085.08	\$295.00	\$2,567.14
Ending Balance					\$1,089,728.59

- Expenses for June 2019 are preliminary and may be subject to adjustment during reconciliation process.
- FY18 and FY19 have been adjusted to reflect actual expenses.

DSM Funding

No.	Description	FY16
1	Initial DSM Budget FY 2016	\$1,806,014.00
2	Interest Income as of June 30, 2019	\$5,219.09
3	Bank Fees as of June 30, 2019	\$2,567.14
4	Additional Budget:	
	▪ Bond Refinance 2017	\$1,139,189.00
	▪ Revenue Funds FY2019	\$1,400,000.00
5	Total Expense as of June 30, 2019	\$3,258,126.36
	DSM Ending Balance	\$1,089,728.59

FY 2017- Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '16	\$ 25,250.00	\$ 23,450.00	\$ 800.00	\$ 1,000.00
NOV '16	\$ 57,525.00	\$ 55,625.00	\$ 1,600.00	\$ 300.00
DEC '16	\$ 19,625.00	\$ 18,225.00	\$ 800.00	\$ 600.00
JAN '17	\$ 49,650.00	\$ 48,050.00		\$ 1,600.00
FEB '17	\$ 43,175.00	\$ 42,850.00	\$ 325.00	
MAR '17	\$ 25,550.00	\$ 25,875.00	\$ (325.00)	
APR '17	\$ 33,875.00	\$ 30,950.00	\$ 800.00	\$ 2,125.00
MAY '17	\$ 57,675.00	\$ 54,275.00	\$ 2,400.00	\$ 1,000.00
JUN '17	\$ 76,175.00	\$ 74,675.00	\$ 1,300.00	\$ 200.00
JUL '17	\$ 30,975.00	\$ 30,975.00		
AUG '17	\$ 69,400.00	\$ 69,200.00		\$ 200.00
SEP '17	\$ 84,025.00	\$ 83,125.00	\$ 500.00	\$ 400.00
TOTALS	\$ 572,900.00	\$ 557,275.00	\$ 8,200.00	\$ 7,425.00

FY 2018- Rebate Amount Paid Monthly

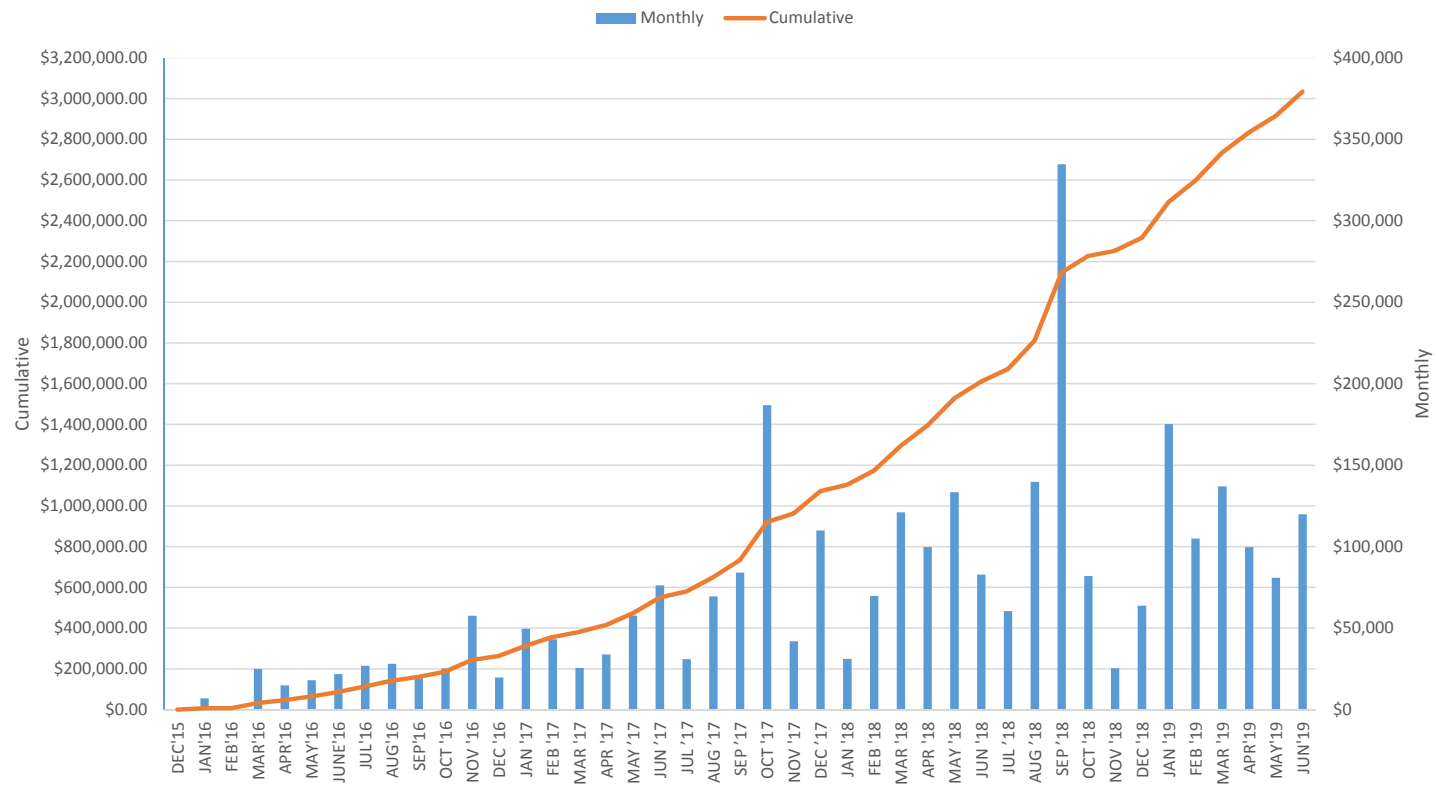
Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '17	\$186,850.00	\$185,850.00	\$800.00	\$200.00
NOV '17	\$41,900.00	\$41,700.00		\$200.00
DEC '17	\$109,875.00	\$108,475.00		\$1,400.00
JAN '18	\$31,175.00	\$31,175.00		
FEB '18	\$69,825.00	\$68,825.00		\$1,000.00
MAR '18	\$121,100.00	\$120,100.00		\$1,000.00
APR '18	\$99,700.00	\$94,400.00	\$500.00	\$4,800.00
MAY '18	\$133,350.00	\$127,150.00		\$6,200.00
JUN '18	\$82,800.00	\$77,600.00		\$5,200.00
JUL '18	\$60,475.00	\$56,475.00	\$1,000.00	\$3,000.00
AUG '18	\$139,750.00	\$129,650.00	\$1,300.00	\$8,800.00
SEP '18	\$334,625.00	\$308,425.00	\$800.00	\$25,400.00
TOTALS	\$1,411,425.00	\$1,349,825.00	\$4,400.00	\$57,200.00

FY 2019- Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '18	\$ 82,000.00	\$ 75,400.00	\$ -	\$ 6,600.00
NOV '18	\$ 25,425.00	\$ 23,425.00	\$ -	\$ 2,000.00
DEC '18	\$ 63,725.00	\$ 62,325.00	\$ -	\$ 1,400.00
JAN '19	\$ 174,550.00	\$ 157,550.00	\$ -	\$ 17,000.00
FEB '19	\$ 105,725.00	\$ 96,925.00	\$ -	\$ 8,800.00
MAR '19	\$ 137,025.00	\$ 119,825.00	\$ 3,400.00	\$ 13,800.00
APR '19	\$ 99,650.00	\$ 89,250.00	\$ -	\$ 10,400.00
*	\$ (111,225.00)	\$ (102,825.00)		\$ (8,400.00)
MAY '19	\$ 80,950.00	\$ 72,950.00	\$ -	\$ 8,000.00
JUN '19	\$ 119,925.00	\$ 109,725.00	\$ 800.00	\$ 9,400.00
JUL '19				
AUG '19				
SEP '19				
TOTALS	\$ 777,750.00	\$ 704,550.00	\$ 4,200.00	\$ 69,000.00

* Reversal of Finance Accrual FY2018

FY'17- FY'19 Rebate Amount Paid



FY 2017- Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCT '16	92	77
NOV '16	68	160
DEC '16	141	54
JAN '17	109	138
FEB '17	92	120
MAR '17	144	84
APR '17	147	104
MAY '17	215	178
JUN '17	322	252
JUL '17	295	105
AUG '17	339	224
SEP '17	270	282

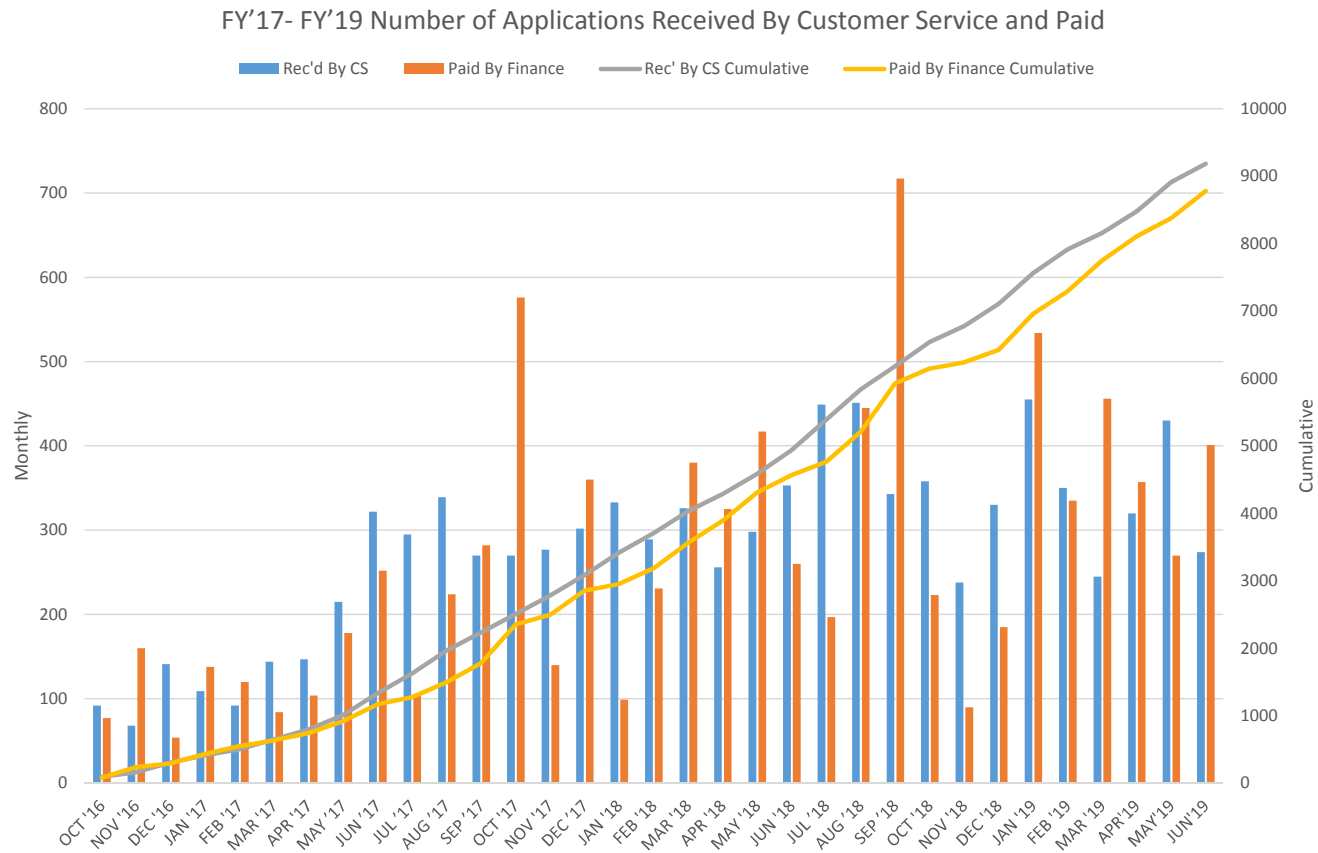
FY 2018- Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCT '17	270	576
NOV '17	277	140
DEC '17	302	360
JAN '18	333	99
FEB '18	289	231
MAR '18	326	380
APR '18	256	325
MAY '18	298	417
JUN '18	353	260
JUL '18	449	197
AUG '18	451	445
SEP '18	343	717

FY 2019 Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCT '18	358	223
NOV '18	238	90
DEC '18	330	185
JAN '19	455	534
FEB '19	350	335
MAR '19	245	456
APR '19	320	357
MAY '19	430	270
JUN '19	274	401
JUL '19		
AUG '19		
SEP '19		

FY'17- FY'19 Number of Applications Received By Customer Service and Paid

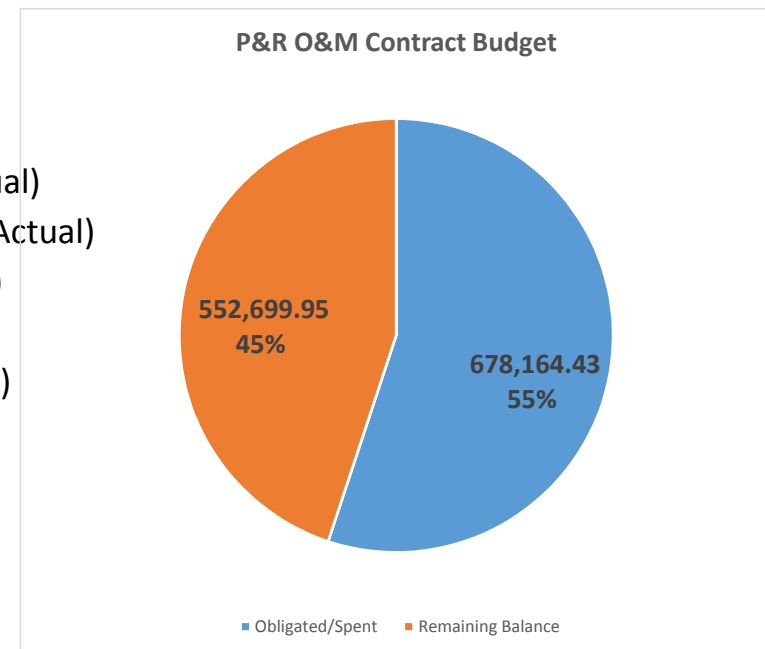


Planning & Regulatory CCU Report

June 30, 2019

Planning & Regulatory O&M Contract Budget

- Revenue Funded
- Target
 - 0.10% O&M Obligation as of October 31, 2018 (Actual)
 - 24.24% O&M Obligation as of November 30, 2018 (Actual)
 - 32.68% O&M Obligation as of Dec. 31, 2018 (Actual)
 - 38.66% O&M Obligation as of Feb. 28, 2019 (Actual)
 - 55.10 % O&M Obligation as of May 31, 2019 (Actual)
 - 77.71% O&M Obligated by July 31, 2019



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

<p style="text-align: center;">WEEKLY BMP REPORT SUMMARY CABRAS POWER PLANT MONTH OF JUNE 2019</p> <p style="text-align: right;">LEGEND OF TRACKING</p> <div style="display: flex; justify-content: space-around;"> <div> Notification Date </div> <div> Completed </div> </div> <div style="display: flex; justify-content: space-around;"> <div> Within Scheduled Remediation Period </div> <div> Deadline is Past Due </div> </div>									
INSPECTOR: NOEL P. CRUZ									
LOCATION	WE 06/07/19 FINDINGS	WE 06/14/19 FINDINGS	WE 06/21/19 FINDINGS	WE 06/28/19 FINDINGS	RECOMMENDATION/ REMARKS	INITIAL FINDINGS DATE	DUE DATE	DATE COMPLETED	RESPONSE
Infiltration Pond (Cabras 384)	Container van with used insulation	Container van with used insulation	Container van with used insulation	Container van with used insulation	Remove	1/16/2018	ASAP		
Power Plant Building (Cabras 1, 2, 3, & 4)	Drums containing soot and oily waste (rags, sorbent pads) inside C384	COMPLETED			Corrective action completed on WE 6/7/19	2/14/2019	ASAP	6/7/2019	
Pavilion Area (Cabras 384 side, generator building)	Debris and soil pile near pavilion	Debris and soil pile near pavilion	Debris and soil pile near pavilion	Debris and soil pile near pavilion	Corrective action ongoing. Soil and debris sorted. Disposal of debris scheduled and soil will be spread out around area adjacent to substation	2/6/2019	ASAP		
Cooling Water Intake	Rusted steel cover plates	Rusted steel cover plates	Rusted steel cover plates	Rusted steel cover plates	Replace or remove rust & repaint steel plate covers <i>Corrective action ongoing</i>	2/6/2019	ASAP		
	Metal cover near cooling water intake	COMPLETED			Corrective action completed on WE 6/14/19	4/12/2019	ASAP	6/14/2019	
	Engine parts, motor shaft, etc. next to container van near intake area	Engine parts, motor shaft, etc. next to container van near intake area	Engine parts, motor shaft, etc. next to container van near intake area	Engine parts, motor shaft, etc. next to container van near intake area	Relocate to storage area. <i>(Per Generation, concern was coordinated with TEMES)</i>	5/17/2019	ASAP		
Outfall	Floating containment boom needs replacement	COMPLETED			Corrective action completed.	5/17/2019	ASAP	6/14/2019	
Facility Area				Accumulated debris inside travelling screen collection basket	Remove debris	6/28/2019	ASAP		

T&D SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF JUNE, 2019

LEGEND OF TRACKING

	Notification Date		Completed
	Within Scheduled Remediation		Deadline is Past Due

SUBSTATIONS

LOCATIONS	FINDINGS	RECOMMENDATION/REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
DEDEDO SUBSTATION	Facility Area	NO CORRECTIVE ACTION					
DEDEDO SUBSTATION WAREHOUSE	Facility Area	Clogged drain in transformer storage area	Fix clogged drainage				June 2019
MACHECHE SUBSTATION	Secondary Containment	Dried algae and debris in sec. containment	Conduct clean up	Corrective action completed	June 2019		May 2019
TALOFOFO SUBSTATION	Facility Area	NO CORRECTIVE ACTION					
TENJO SUBSTATION	Security Fence	Tilting on the side	Fix and secure fence and gate			ASAP	December 2018
YIGO SUBSTATION	Secondary Containment	Water accumulation and algae in sec. containment	Draining is ongoing during inspection. Remove algae	Corrective action completed	June 2019	ASAP	May 2019
	Facility Area	Deteriorated drain valve lock cover	Replace lock cover	Corrective action completed	June 2019	ASAP	May 2019

Generation SPCC Inspection Report

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF JUNE, 2019

LEGEND OF TRACKING



Notification Date



Completed



Within Scheduled Remediation



Deadline is Past Due

POWER PLANT

LOCATIONS	FINDINGS		RECOMMENDATION/REMARKS	STATUS	RESPONSIBLE	COMPLETION DATE	DUE DATE	INITIAL FINDINGS DATE
CABRAS POWER PLANT	Used Oil Tank	Corroded and damaged tank shell coating	Chip corrosion and recoat	Repair work ongoing			ASAP	Sept 2018
	Supply Pipeline	Pipeline crossing the outfall; Pitting corrosion at several locations	Install secondary means of containment on the pipeline				ASAP	Sept 2018
	RFO Supply Pipe Along Pipeline	Pitting corrosion	Conduct immediate repair & recoat pipeline				ASAP	January 2019
	Lube Oil Tank (Cabras 3 & 4)	Corroded lube oil pipeline	Conduct repair				ASAP	February 2018
	Cabras 3 & 4 OWS	Heavily corroded pipeline	Consider removal and disposal of inactive pipelines	Corrective action completed		June 2019	ASAP	February 2018
DEDEDO CT	Raw Fuel Tank	Heavily corroded 2" fuel line	Conduct repair				ASAP	May 2019
	Secondary Containment	Water accumulation	Drain water				ASAP	June 2019
		Soil and rock debris in raw tank	Conduct cleanup				ASAP	June 2019

Generation SPCC Inspection Report (cont.)

SUMMARY OF SPCC MONTHLY INSPECTION REPORT MONTH OF JUNE, 2019								
LEGEND OF TRACKING								
		Notification Date		Completed				
		Within Scheduled Remediation		Deadline is Past Due				
POWER PLANT								
MACHECHE CT	Facility Area	Corroded tank shells at T-130/140	Chip corrosion and recoat				ASAP	October 2015
		Level gauge is not working	Fix level gauge				ASAP	April 2019
		Corroded pipeline	Chip corrosion and recoat	Corrective action completed		June 2019	ASAP	April 2019
		Scrap metals and wood debris	Schedule disposal	Corrective action completed		June 2019	ASAP	May 2019
		Algae accumulation in secondary containment	Conduct cleanup				ASAP	June 2019
		Improper storage of HCl	Store in proper chemical storage				ASAP	June 2019
YIGO CT	Tanks 130 and 140	Corroded tank shells	Chip corrosion & recoat tanks	Corrective action on-going			ASAP	February 2019
	Secondary Containment Trench	Algae, weeds accumulation	Conduct cleanup				ASAP	November 2018
	Tank 120	Corroded drain line pipe	Chip corrosion and recoat				ASAP	April 2019
	Drums Storage Area	Corroded oil drums stored in drum storage area	Frequently monitor drums and use oil ASAP				ASAP	March 2019
	Fuel Filtration Area	Oil spill in the area	Conduct cleanup				ASAP	April 2019
	Secondary Containment	Dirt and sludge in OWS sec. containment	Conduct cleanup				ASAP	April 2019
MANENGGON DIESEL	Secondary Containment	NO CORRECTIVE ACTION					ASAP	
TALOFOFO DIESEL	Facility Area	Manway emergency vent corroded	Repair/repaint				ASAP	February 2019

Generation SPCC Inspection Report (cont.)

SUMMARY OF SPCC MONTHLY INSPECTION REPORT
MONTH OF JUNE, 2019

LEGEND OF TRACKING

Notification Date

Completed

Within Scheduled Remediation

Deadline is Past Due

POWER PLANT

TENJO DIESEL	Facility Area	NO CORRECTIVE ACTION						
PITI #7	Main Fuel Tank, Day Tank # 1 & 2	No integrity test	Integrity testing is required				ASAP	January 2018
	Main Fuel Tank	Corrosion forming under pipes and pipe support	Chip corrosion and recoat				ASAP	October 2018
	Main Fuel Tank	Sulfuric acid drums stored in the area	Drums are currently being removed and disposed	Corrective action completed		June 2019	ASAP	May 2019
	Old Piti Power plant structure	Improper storage of drums and wood pallets	Move or dispose drums and wood pallets				ASAP	May 2019

GPA INFORMATION TECHNOLOGY

JUNE 2019

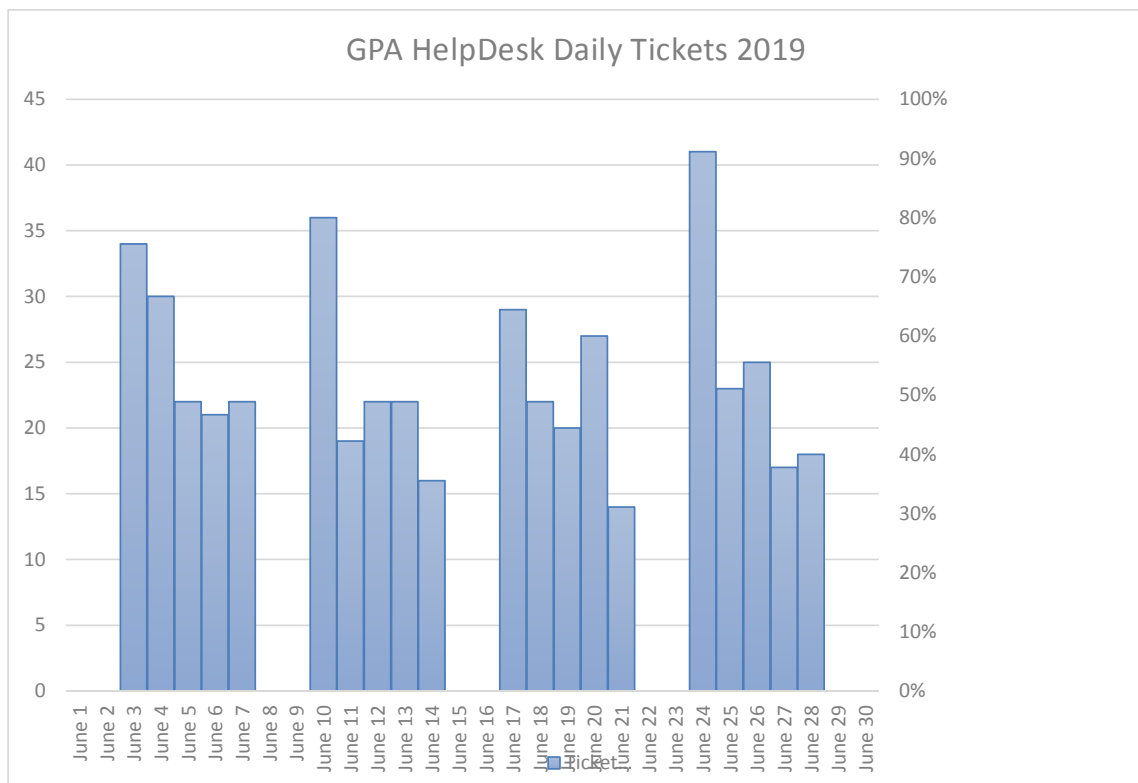
SUMMARY:

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).

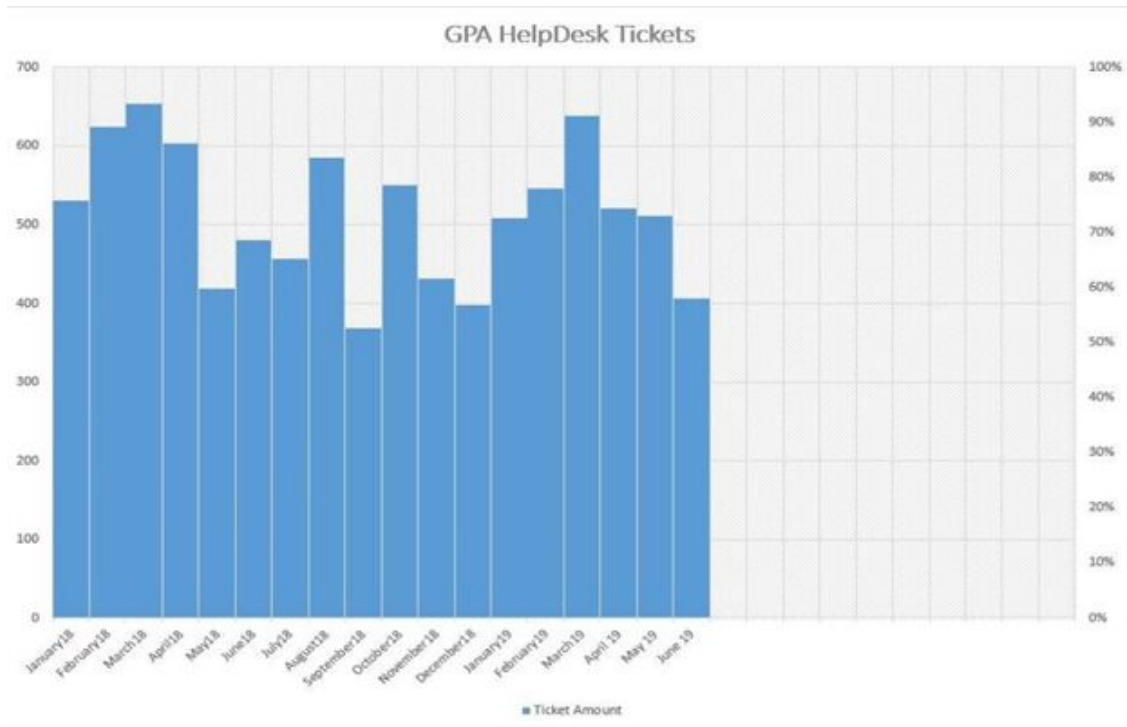
INCIDENT CALL SUMMARY:

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.

JUNE 2019 TICKETS



18 MONTH COMPARATIVE



For June 2019, Computer Services responded to 406 help desk calls from GPA internal and external customers. Breakdown as follows:

RESOLVED TICKETS BY PRIORITY

Low	Medium	High	Critical	Total
227	95	77	0	399

RESOLVED TICKET TYPES

End User	Hardware	Software	Network	Total
369	10	18	2	399

RESOLVED TICKETS REPORTED BY ORIGIN

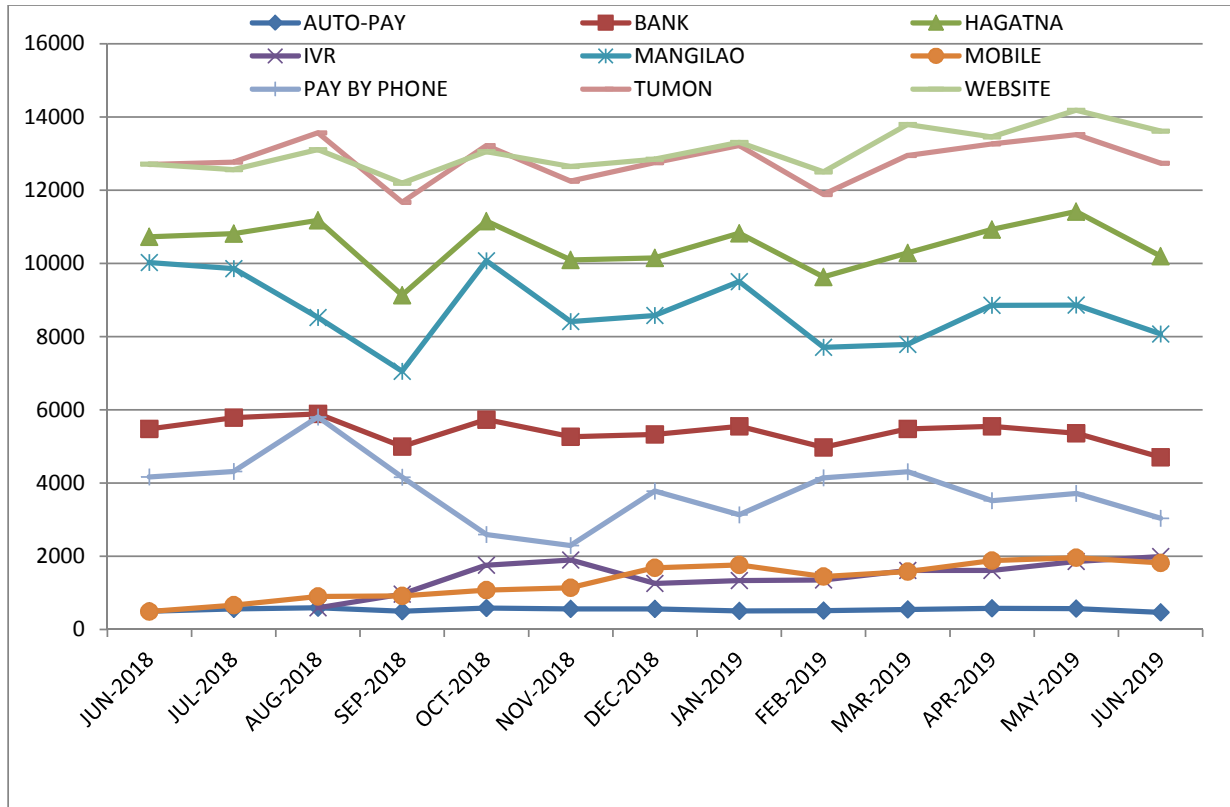
Phone	E-mail	Internal	Walk-In	Self Service Portal	Total
276	40	78	1	4	399

OPEN TICKETS BY PRIORITY

Low	Medium	High	Critical	Total
1	3	3	0	7

CC&B PAYMENT SUMMARY TRANSACTIONS:

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



Payment Transactions by Count:

Row Labels	AUTO-			PAY BY					
	PAY	BANK	HAGATNA	IVR	MANGILAO	MOBILE	PHONE	TUMON	WEBSITE
JUN-2018	493	5476	10723		10018	490	4160	12698	12712
JUL-2018	557	5787	10812		9852	661	4312	12761	12563
AUG-2018	590	5890	11178	588	8517	895	5804	13562	13102
SEP-2018	493	4995	9127	966	7050	916	4158	11668	12189
OCT-2018	582	5728	11151	1755	10067	1069	2587	13218	13047
NOV-2018	558	5266	10095	1893	8410	1139	2290	12246	12646
DEC-2018	562	5327	10148	1254	8574	1683	3775	12751	12840
JAN-2019	506	5544	10824	1333	9498	1758	3127	13215	13299
FEB-2019	513	4968	9627	1346	7706	1448	4140	11880	12494
MAR-2019	546	5474	10284	1608	7781	1577	4305	12948	13790
APR-2019	578	5548	10926	1608	8849	1882	3512	13264	13449
MAY-2019	569	5360	11416	1853	8859	1957	3717	13516	14179
JUN-2019	468	4705	10193	1993	8072	1816	3036	12731	13609
Grand Total	7015	70068	136504	16197	113253	17291	48923	166458	169919

MAJOR APPLICATION ISSUES FOR JUNE 2019

1. ORACLE CUSTOMER CARE & BILLING
No system issue reported.
2. LANDIS & GYR AMI METERS (SMART METERS)
No system issue reported.
3. ORACLE JDE
No system issue reported.
4. METER DATA MANAGEMENT SYSTEM (MDMS)
No system issue reported.
5. SHORETEL VOIP PHONE SYSTEM
No system issue reported.
6. EMAIL EXCHANGE SERVER
No system issue reported.
7. ONLINE PAYMENT SYSTEM (PAYGPA.COM)
No system issue reported.
8. GEOGRAPHIC INFORMATION SYSTEM (GIS)
No system issue reported.
9. MILSOFT OUTAGE MANAGEMENT SYSTEM (OMS)
No system issue reported.
10. ADVANCED GRID ANALYTICS (AGA)
Application is currently undergoing a system upgrade.
11. MOBILE APP PAYMENT PROGRAM
No system issue reported.
12. IVR PHONE PAYMENT SYSTEM
No system issue reported.

ONGOING PROJECT UPDATES:

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.

Update: A protest has been submitted by one of the bidding vendors.

Physical Security: Project to provide additional surveillance monitoring for Fadian, T&D, Dededo CT and Transportation Warehouse. Kickoff meeting was on Oct. 9 and camera and PA system installation is scheduled to start in October and currently ongoing.

Update: Phase 1 – Installation of Camera's and Public Announcement (PA) system is currently ongoing at the Fadian. PA System has passed initial testing. Phase 2 – Fadian camera installation is 80% complete.

GPWA Website Upgrades: Project to revamp GPA and GWA websites for the following, GUAMPOWERAUTHORITY.COM, PAYGPA.COM, GUAMWATERWORKS.ORG and PAYGWA.COM. RFP Responses has been reviewed and awaiting clarification of proposals. PO has been awarded and project is ongoing.

Update: Project is ongoing.

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. Project has started and expected completion by Oct. 31.

Update: Deployment to PAYGPA.COM and GuamPowerAuthority.com is ongoing.

JDE OneWorld to E1 Upgrade: License review is currently being done for both GPA and GWA to determine software and hardware requirements. Vendor is expected to start Process Review and Scoping for the project from Dec. 10 to Dec. 21.

Update: GPA IT is performing a test conversion of their JDE to E1 in house. This will allow us GPA to determine the complexity of the upgrade and have a test environment to evaluate the new E1 environment.

VPlex and Unity Storage and Replication Implementation: New data storage and replication solution that will be implemented in conjunction with GPA's new disaster recovery solution. This will allow GPA to retire existing Storage Area Network (SAN) devices which are End of Life (EOL) and will allow Active to Active data replication between the GPA Fadian Data Center and the proposed new Disaster Recovery (DR) site.

Substation Surveillance Camera Installation (Proof of Concept): Installation and testing of remote cameras at substations to test GPA Tier 2 wireless network. An initial camera has been installed at the Umatac Substation with additional sites identified at Yigo, Harmon, Agana and Tamuning Substation.

Submitted by:
Melvyn Kwek
Chief Information Technology Officer

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

GPA Work Session - July 18 2019 - DIVISION REPORTS

ENGINEERING WORK ORDERS

Engineering Work Order Summary - June 2019	
Work Orders Received from CSR	90
Work Orders Processed & Released to T&D	189
Work Orders Processed & Released to CSR	22
Work Orders Cancelled	16
Work Orders Pending Survey	25
Total Pending WO at Engineering	529

Engineering Large Customer and Net Metering Tracking						
Date Received	Customer Name	Work Order Numbers	Location	KVA	Meter Qty	Status
12/20/2013	CoreTech International	Multiple	Dededo	300	64	Lada Estates, 450 kVA, Phase I and II are 100% Completed - 242 units energized. Phase III, 66 Units, 8 completed, 58 Pending, 97% Completed, 300 kVA. Phase IV currently in design phase by EMCE.
1/27/2015	TG Engineers	422182-85, 90-93, 96-98	Agana Heights	100	11	10 Unit Apartment, 100 kVA, 80% Completed. Work currently on hold.
5/13/2015	CoreTech International Towers, Tower 101, 102, 103, and 104	426021	Tamuning	3300	45	New condominiums, 2-1500kVA and 1 300 kVA, Tower 101 and 102 100% Completed, Tower 103 and 104 are 50% completed. Temporary power pending for Community Center, 100% Completed. First 52 Service Orders for Tower 101 is 100% completed. 44 Service Orders released to T&D for Tower 102. Work on Tower 103 and 104 ongoing.
6/1/2017	New Underground Line (P-047)	466064	Tumon	1500	1	New Underground line 90% completed. Mandrelling completed on completed sections.
3/1/2018	Docomo Pacific Inc., New Data Center	Pending Application	Talofofo	3000	1	New Data Center. Planned to come off P-260 and P-262. 0% Completed. Still in Design Phase.
04/01/18	HG Northeast Inc	459085	Mangilao	100	14	New 14 Unit Subdivision, 15% Completed, 100 kVA, Pending Applications
4/30/2018	Rex International	459698	Sinajana	225	1	New Central Police Precinct, 100% Completed, Released to T&D.
2/28/2018	Black Construction (Route 3 Road Improvements)	458020	Dededo			Route 3 Road Improvements. Involves the relocation of upto 54 ea. 45' concrete poles. 99% Completed.
05/12/18	Bestry Corporation	450085	Hagatna	500	8	Hamilton Hotel Renovation and Rehabilitation, 8 Meters, 100% Completed, 500 kVA. Pending Completion of punchlist items.
06/14/18	Guam Waterworks Authority	461363	Umatac-Merizo	300	1	New Umatac-Merizo Wastewater Treatment, 20% Completed, 300 kVA
12/13/18	Simpson, Henry M	466907, 8, 466658	Santa Rita			New Subdivision. Design Ongoing. Demand load pending completion of subdivision design.
02/01/19	Ironwood Villa Del Mar, LLC	Multiple	Mongmong/Toto	350	50	New 50 Unit Apartments, 60% completed, multiple buildings with multiple transformers.
10/01/18	Ada's Trust & Investments	464891	Hagatna	300	1	New Commercial Building. 100% completed. Pending Inspection Report.
10/10/18	Don Sadwahni	465341	Harmon	2000	1	New Industrial Subdivision, Inspection of civil work only, Proposed 12 Pad Mounted Xfmrs 77% Completed.
11/19/18	TNN Guam Primary Meter	466064	Tumon	1800	1	Permanent primary meter for Tsubaki Hotel and Nikko Hotel (1800 + 3000kVA Nikko), 90% Completed.
04/26/19	JohnDel International	469700-2, 5, 6	Tamuning		5	New Office Building, pending transformer sizing.
04/26/19	Matsumoto, Akiyoshi	469867-9, 71, 72, 73	Tumon	100	7	New 6 Unit Condo, 100% completed and released to T&D.
04/09/19	The Guam Brewery, LLC	469279	Harmon	300	1	New Brewery, 100% completed and released to T&D.
05/29/19	Calvo Ent Inc.	470723	Maite	1000	1	Transformer upgrade from 750kVA to 1000kVA. 100% Completed. Released to T&D.
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		1	Pending Net Metering Customers as of June 30, 2019.
Total				15175	214	

NET METERING

June 2019

	<u>Quantity</u>	<u>Connected kVA</u>
Completed	1,979	21,911
Pending	1	7
Grand Total	1,980	21,919

Rate Class and Technology			
Technology	Schedule	Customer Count	Total kW
Solar Energy	R - Residential	1,871	17,426.68
	J - Gen Service Dmc	36	1,930.41
	K - Small Gov Dmd	9	317.80
	L - Large Governme	2	122.80
	P - Large Power	7	640.70
	G - Gen Serv Non-D	45	1,390.56
	S - Sm Gov Non-Dm	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		1,979	21,911.34

Projection Date Ending 12/31/2019				
Customer Rate Class	Sum of Size (kW)	*Annual Projected kWh Generated	Non-Fuel Yield \$/kWh	Estimated Annual Revenue Loss
R	17,430.28	28,308,433	0.087492	\$ 2,476,762.22
J	1,930.41	3,003,796	0.125682	\$ 377,523.23
K	317.80	523,052	0.133883	\$ 70,027.73
L	122.80	205,378	0.129809	\$ 26,659.90
P	640.70	1,051,985	0.109950	\$ 115,665.83
G	1,390.56	2,222,848	0.145397	\$ 323,195.53
S	78.80	126,250	0.147902	\$ 18,672.63
Grand Total	21,911.34	35,441,743	0.087492	\$ 3,408,507.07

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

Estimated Annual Revenue Loss (prior to 2019 model changes)

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

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

NET METERING

June 2019

Customer Count and Connected kW by Feeder						
Status	Feeder	Net Metering Connected kW	Customer Count	% of Feeder Maximum kW	% of Feeder Minimum Daytime kW	
Completed	P-005	263.73	25	15.3%	30.7%	
	P-046	290.29	35	6.8%	10.4%	
	P-088	692.94	75	11.5%	18.2%	
	P-089	586.29	73	13.1%	31.6%	
	P-111	190.00	3	3.5%	6.2%	
	P-203	459.48	37	6.1%	17.4%	
	P-204	150.38	17	3.2%	6.6%	
	P-205	44.00	5	0.9%	1.6%	
	P-210	579.17	56	11.3%	15.4%	
	P-212	1,043.22	101	25.2%	65.3%	
	P-213	322.13	13	12.3%	16.5%	
	P-220	179.22	20	29.4%	92.4%	
	P-221	598.28	61	13.6%	27.1%	
	P-223	563.33	61	23.7%	33.8%	
	P-240	58.55	2	0.9%	7.9%	
	P-245	192.60	4	3.8%	8.2%	
	P-250	1,181.13	117	18.2%	31.9%	
	P-251	145.50	7	5.9%	9.0%	
	P-253	599.03	61	13.3%	21.0%	
	P-262	1,135.02	115	29.8%	71.5%	
	P-270	404.24	35	7.9%	16.0%	
	P-271	252.13	15	4.3%	9.1%	
	P-272	263.81	19	10.3%	23.4%	
	P-280	350.04	28	19.5%	36.2%	
	P-281	189.70	4	6.8%	18.9%	
	P-282	31.75	4	0.8%	2.6%	
	P-283	585.70	53	16.2%	27.8%	
	P-294	1,230.13	116	28.4%	56.3%	
	P-301	213.66	23	15.1%	26.9%	
	P-311	1,053.57	59	26.4%	45.2%	
	P-322	1,521.51	107	20.1%	39.8%	
	P-323	316.52	21	6.7%	20.8%	
	P-330	661.06	83	12.1%	24.4%	
	P-331	827.91	91	13.1%	21.2%	
	P-332	608.87	67	10.8%	15.8%	
	P-340	549.58	49	30.3%	66.7%	
	P-087	1,286.44	138	32.8%	51.3%	
	P-252	599.13	32	14.2%	29.0%	
	P-321	363.46	34	6.5%	7.3%	
	P-260	70.96	7	10.3%	35.5%	
	P-067	86.20	10	1.0%	1.3%	
	P-312	82.24	5	4.9%	5.7%	
	P-206	26.08	3	2.7%	4.8%	
	P-242	23.75	2	0.4%	1.1%	
	P-310	181.57	8	6.6%	12.1%	
	P-261	464.91	51	16.8%	28.8%	
	P-201	60.35	8	1.7%	3.0%	
	P-007	85.86	8	11.9%	25.3%	
	P-244	36.56	2	2.1%	2.1%	
	P-202	39.50	3	1.2%	2.9%	
	P-341	4.30	1	0.4%	1.6%	
	P-401	117.00	2	10.3%	17.3%	
	P-400	37.64	2	3.9%	4.0%	
	P261	10.97	1	#N/A	#N/A	
Completed Total		21,911.34	1,979			
Pending	Pending	7.31	1	0.0%	0.0%	
Pending Total		7.31	1	0.0%	0.0%	
Grand Total		21,918.65	1,980			

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

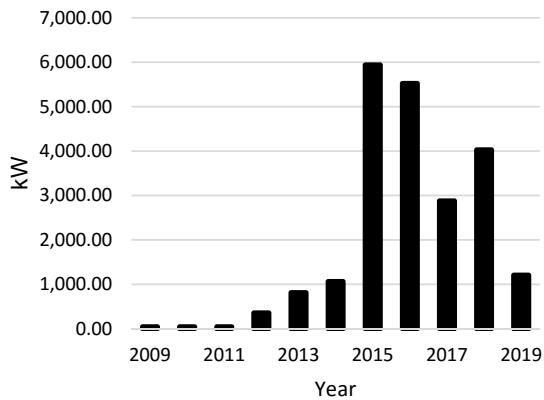
NET METERING

June 2019

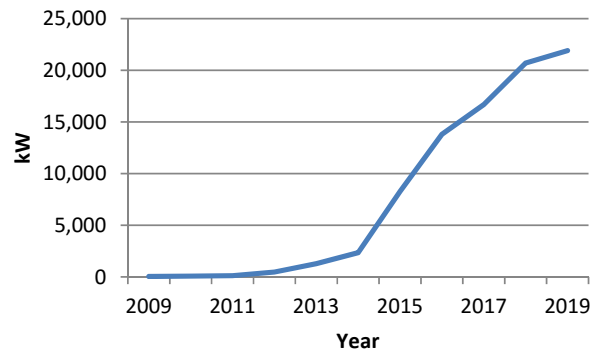
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	41.61	120.27
2012	354.61	474.88
2013	808.15	1,283.03
2014	1,060.04	2,343.07
2015	5,939.40	8,282.47
2016	5,522.76	13,805.22
2017	2,877.15	16,682.37
2018	4,025.00	20,707.37
2019	1,203.97	21,911.34
Grand Total	21,911.34	

Customer Count by Year		
Year	Total	Cumulative
2009	7	7
2010	2	9
2011	6	15
2012	27	42
2013	66	108
2014	94	202
2015	565	767
2016	531	1,298
2017	297	1,595
2018	286	1,881
2019	98	1,979
Grand Total	1,979	

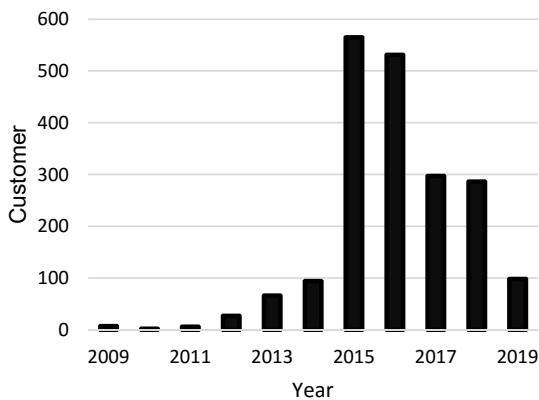
Yearly Installed kW



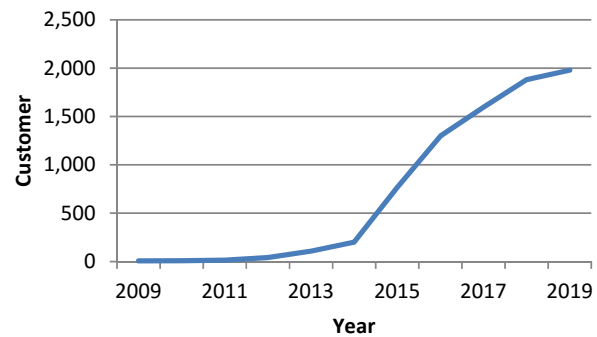
Cumulative Installed kW



Yearly Connected Customer Count



Cumulative Connected Customer Count





Production Data
30-Jun-19

SYSTEM											
YEAR	MONTH	# of DAYS	GROSS GENERATION	FUEL CONSUMPTION		GROSS FUEL EFFICIENCY (Target ≥ 15.99 kWh/gal)	COST per GROSS kWh	GROSS HEAT RATE (Baseloads) PUC Target less than 9,600	GROSS HEAT RATE (Peaking) PUC Target less than 13,600	Ave. MW	Peak MW
				(gal)	(bbl)						
2017	Jan	31	142,960,618	9,226,278	219,673	15.49	\$ 0.0913	9,620.29	10,965.71	192	234
	Feb	28	113,499,400	7,270,830	173,115	15.61	\$ 0.0900	9,609.08	11,503.12	195	246
	Mar	31	149,402,182	9,664,440	230,106	15.46	\$ 0.1014	9,719.35	11,440.45	201	246
	Apr	30	145,351,026	9,913,757	236,042	14.66	\$ 0.1101	9,750.73	11,392.12	202	250
	May	31	157,573,506	11,065,930	263,475	14.24	\$ 0.1170	10,067.14	11,323.20	212	256
	June	30	150,240,751	10,654,196	253,671	14.10	\$ 0.1101	10,209.74	11,248.62	209	257
	July	31	150,580,050	10,622,458	252,916	14.18	\$ 0.1169	9,544.54	11,837.62	202	252
	Aug	31	150,084,827	10,642,044	253,382	14.10	\$ 0.1177	9,206.15	11,917.58	202	261
	Sept	30	143,990,208	10,309,304	245,460	13.97	\$ 0.1152	9,541.20	13,107.05	200	254
	Oct	31	147,122,071	9,774,857	232,735	15.05	\$ 0.1079	9,590.71	11,375.81	198	254
	Nov	30	147,284,781	9,783,352	232,937	15.05	\$ 0.1061	9,563.85	11,257.17	205	253
	Dec	31	151,600,064	9,925,003	236,310	15.27	\$ 0.1122	9,607.13	11,035.82	204	250
2018	Jan	31	147,704,057	9,563,641	227,706	15.44	\$ 0.1078	9,755.40	11,029.21	199	246
	Feb	28	131,329,470	8,660,044	206,192	15.16	\$ 0.1150	9,763.94	11,125.15	195	241
	Mar	31	144,370,550	9,889,634	235,467	14.60	\$ 0.1345	9,183.77	11,853.09	194	244
	Apr	30	142,493,891	9,636,757	229,447	14.79	\$ 0.1232	9,558.86	11,901.02	198	247
	May	31	151,201,454	10,120,017	240,953	14.94	\$ 0.1342	9,549.70	11,703.13	203	249
	June	30	142,902,259	9,674,924	230,355	14.77	\$ 0.1399	9,563.51	11,494.36	198	246
	July	31	139,718,862	9,726,750	231,589	14.36	\$ 0.1468	9,647.53	11,909.20	188	242
	Aug	31	141,640,237	9,834,936	234,165	14.40	\$ 0.1437	9,817.09	13,623.96	190	238
	Sept	30	129,965,486	9,303,709	221,517	13.97	\$ 0.1526	9,383.54	13,625.29	181	240
	Oct	31	149,090,501	10,752,842	256,020	13.87	\$ 0.1592	9,870.49	12,783.94	200	243
	Nov	30	139,840,706	9,348,494	222,583	14.96	\$ 0.1446	9,772.22	12,091.07	194	241
	Dec	31	144,799,157	9,756,460	232,297	14.84	\$ 0.1497	9,443.41	11,943.41	195	237
2019	Jan	31	134,551,799	9,056,271	215,626	14.86	\$ 0.1172	9,677.80	11,506.72	181	224
	Feb	28	122,596,954	8,257,791	196,614	14.85	\$ 0.1152	9,592.63	11,923.40	182	226
	Mar	31	139,964,506	9,489,626	225,943	14.75	\$ 0.1309	9,586.39	12,331.54	188	234
	Apr	30	143,583,892	9,385,611	223,467	15.30	\$ 0.1249	9,597.50	11,794.45	199	244
	May	31	154,541,037	10,653,233	253,648	14.51	\$ 0.1378	9,854.93	12,008.47	208	254
	June	30	152,035,851	10,394,927	247,498	14.63	\$ 0.1378	9,756.34	11,985.93	211	255

GPA Work Session - July 18 2019 - DIVISION REPORTS

T&D Vegetation Management

Percent Completion (per Sector Feeder)

Note: Feeders priority listing based on outages due to vegetation

Northern Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P332	6,830	11,470	9,561	308%
P322	7,265	500	4,800	73%
P330	2,635		12,599	478%
P087	4,245	4,450		105%
P046	1,245	200		
P321	4,045	250		
P088	3,310			
P089	670	240		36%
P331	1,925	190		10%
P323	2,810			
P271	50	1,405		2810%
P270	300	1,595		532%
P245	1,660	1,200		72%
P272	150	430		287%
P111	500	475		95%
P244	920	940		102%
P240	430	430		100%
P242	290	160		55%
Total	39,280	23,935	26,960	130%

Central Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P250	33,290	13,945	10,392	73%
P212	17,560	530		3%
P253	15,240	600		
P283	2,230	350	7,000	330%
P210	10,120	40		0%
P280	1,675	380		23%
P311	1,360			
P007	778			
P211	6,050			
P202	420	450		
P251	280			
P213	3,500	50		
P252	1,520		4,586	302%
P201	100			
P203	370			
P282	525			
P310	370	100		27%
P205	350			
P206	140			
P204	530			
P312	200			
P281	525			
P400	150			
Total	97,283	16,445	21,978	39%

Southern Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P294	9,430	945	22,801	252%
P261	4,930	2,660	9,939	256%
P340	13,240	1,410	27,675	220%
P262	5,185	1,170	19,236	394%
P221	1,570	2,345		149%
P223	2,500	5,440		218%
P341	880	2,090	450	289%
P301	19,915	1,999	1,675	18%
P005	990	150		15%
P220	1,250	480		38%
P260	12,630	2,650		21%
Total	72,520	21,339	81,776	142%



GUAM POWER AUTHORITY

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

GUAM POWER AUTHORITY FINANCIAL STATEMENT OVERVIEW May 2019

Attached are the financial statements and supporting schedules for the month and fiscal year ended May 31, 2019.

Summary

The increase in net assets for the month ended was \$2.4 million as compared to the anticipated net increase of \$1.2 million projected at the beginning of the year. The total kWh sales for the month were 1.97% less than projected and non-fuel revenues were \$0.6 million less than the estimated amount. O & M expenses for the month were \$5.4 million which was \$1.4 million less than our projections for the month. Other expenses for the month such as interest expense, IPP costs, (net of interest income and other income) totaled to \$3.2 million, which was \$0.4 less than the projected amounts. There were no other significant departures from the budget during the period.

Analysis

Description	Previous Month	Current Month	Target
Quick Ratio	2.55	2.42	2
Days in Receivables	40	41	52
Days in Payables	28	29	30
LEAC (Over)/Under Recovery Balance -YTD	\$11,753,573	\$12,975,911	\$12,817,628
T&D Losses	5.45%	5.44%	<7.00%
Debt Service Coverage	1.52	1.58	1.75
Long-term equity ratio	-0.013%	-0.009%	30 – 40%
Days in Cash	201	200	60

The Quick Ratio has been a challenge for GPA historically. However, the influx of cash from insurance proceeds continued to improve this ratio. GPA has current obligations of approximately \$75 million and approximately \$180 million in cash and current receivables. The LEAC under recovery for the month is \$1.2 million. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

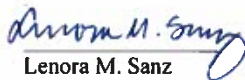
Financial Statements
May 2019

Significant Assumptions

The significant assumptions in the financial statements are as follows:

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

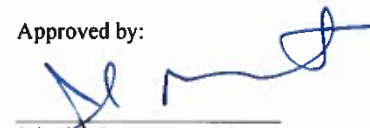
Prepared by:


Lenora M. Sanz
Controller

Reviewed by:


John J.E. Kim
Chief Financial Officer

Approved by:


John M. Benavente, P.E.
General Manager

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Net Position May 31, 2019 and September 30, 2018			
	Unaudited May 2019	Audited September 2018	Change from Sept 30 2018
ASSETS AND DEFERRED OUTFLOWS OF RESOURCES			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	\$ 17,815,378	\$ 17,997,927	\$ (182,549)
Bond indenture funds	31,090,684	49,970,719	(18,880,035)
Held by Guam Power Authority:			
Bond indenture funds	136,298,589	142,583,470	(6,284,881)
Self insurance fund-restricted	19,275,733	19,258,353	17,380
Energy sense fund	309,339	1,085,472	(776,133)
Total cash and cash equivalents	204,789,723	230,895,941	(26,106,218)
Accounts receivable, net	43,079,584	37,851,906	5,227,678
Total current receivables	43,079,584	37,851,906	5,227,678
Materials and supplies inventory	13,043,669	12,812,072	231,597
Fuel inventory	60,578,979	67,993,103	(7,414,124)
Prepaid expenses	4,893,166	979,828	3,913,338
Total current assets	326,385,121	350,532,850	(24,147,729)
Utility plant, at cost:			
Electric plant in service	1,070,324,885	1,063,192,955	7,131,930
Construction work in progress	40,020,073	28,021,290	11,998,783
Total	1,110,344,958	1,091,214,245	19,130,713
Less: Accumulated depreciation	(620,960,307)	(597,426,905)	(23,533,402)
Total utility plant	489,384,651	493,787,340	(4,402,689)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,455,424	48,600,660	(145,236)
Unamortized debt issuance costs	2,315,256	2,503,448	(188,192)
Total other non-current assets	50,770,680	51,104,108	(333,428)
Total assets	866,540,452	895,424,298	(28,883,846)
Deferred outflow of resources:			
Deferred fuel revenue	12,975,911	8,370,542	4,605,369
Unamortized loss on debt refunding	25,519,948	27,093,636	(1,573,688)
Pension	8,932,987	8,932,987	0
Other post employment benefits	13,798,017	13,798,017	0
Unamortized forward delivery contract costs	371,758	477,998	(106,240)
Total deferred outflows of resources	61,598,621	58,673,180	2,925,441
	<u>\$ 928,139,073</u>	<u>\$ 954,097,478</u>	<u>\$ (25,958,405)</u>

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Net Position, Continued May 31, 2019 and September 30, 2018			
	Unaudited May 2019	Audited September 2018	Change from Sept 30 2018
LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION			
Current liabilities:			
Current maturities of long-term debt	\$ 16,130,000	\$ 1,630,000	\$ 14,500,000
Current obligations under capital leases	3,304,531	13,613,066	(10,308,535)
Accounts payable			
Operations	34,806,180	47,761,928	(12,955,748)
Others	1,338,518	662,541	675,977
Accrued payroll and employees' benefits	1,392,201	1,949,080	(556,879)
Current portion of employees' annual leave	2,357,104	2,101,168	255,936
Interest payable	5,321,910	14,745,285	(9,423,375)
Customer deposits	9,909,806	9,387,519	522,287
Total current liabilities	<u>74,560,250</u>	<u>91,850,587</u>	<u>(17,290,337)</u>
Regulatory liabilities:			
Provision for self insurance	19,345,291	19,345,291	0
Total regulatory liabilities	<u>19,345,291</u>	<u>19,345,291</u>	<u>0</u>
Long term debt, net of current maturities	586,180,138	604,881,434	(18,701,296)
Obligations under capital leases, net of current portion	10,180,094	10,808,951	(628,857)
Net Pension liability	74,115,014	76,554,735	(2,439,721)
Other post employment benefits liability	145,955,861	145,955,861	0
DCRS sick leave liability	1,331,151	1,331,151	0
Employees' annual leave net of current portion	1,204,085	1,204,085	0
Customer advances for construction	385,483	385,293	190
Total liabilities	<u>913,257,367</u>	<u>952,317,388</u>	<u>(39,060,021)</u>
Deferred inflows of resources:			
Unearned forward delivery contract revenue	1,362,708	1,752,053	(389,345)
Pension	3,532,642	3,532,642	0
Other post employment benefits	14,804,043	14,804,043	0
Total deferred inflows of resources	<u>19,699,393</u>	<u>20,088,738</u>	<u>(389,345)</u>
Commitments and contingencies			
Net Position:			
Net investment in capital assets	(47,249,486)	(38,960,024)	(8,289,462)
Restricted	25,431,569	47,856,103	(22,424,534)
Unrestricted	17,000,229	(27,204,727)	44,204,957
Total net position	<u>(4,817,688)</u>	<u>(18,308,648)</u>	<u>13,490,962</u>
	<u>\$ 928,139,073</u>	<u>\$ 954,097,478</u>	<u>\$ (25,958,405)</u>

GPA Work Session - July 18 2019 - DIVISION REPORTS

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statement of Revenues, Expenses and Changes in Net Assets						
	Unaudited 2019	May 31 Audited 2018	% of change Inc (dec)	Unaudited 2019	Eight Months Ended May 31 Audited 2018	% of change Inc (dec)
Revenues						
Sales of electricity	\$ 34,767,531	\$ 34,865,003	(0)	\$ 262,857,771	\$ 249,231,087	5
Miscellaneous	(68,392)	173,842	(139)	2,277,926	1,256,765	81
Total	34,699,139	35,038,845	(1)	265,135,697	250,487,852	6
Bad debt expense	(91,500)	(83,583)	9	(732,000)	(668,664)	9
Total revenues	34,607,639	34,955,262	(1)	264,403,697	249,819,188	6
Operating and maintenance expenses						
Production fuel	20,710,545	20,853,541	(1)	156,589,106	140,622,284	11
Other production	1,304,426	1,494,243	(13)	10,060,005	11,044,059	(9)
	22,014,971	22,347,784	(1)	166,649,111	151,666,343	10
Depreciation	3,015,829	2,947,511	2	24,918,134	25,580,227	(3)
Energy conversion cost	1,012,670	1,436,403	(29)	9,866,390	11,970,389	(18)
Transmission & distribution	1,203,922	1,085,365	11	7,789,405	8,634,551	(10)
Customer accounting	465,939	577,591	(19)	3,486,309	3,586,616	(3)
Administrative & general	2,419,052	2,847,590	(15)	20,691,101	20,391,525	1
Total operating and maintenance expenses	30,132,383	31,242,244	(4)	233,400,450	221,829,651	5
Operating income	4,475,256	3,713,018	21	31,003,247	27,989,537	11
Other income (expenses)						
Interest income	344,696	373,878	(8)	2,921,990	1,687,508	73
Interest expense and amortization	(2,449,393)	(2,606,335)	(6)	(19,368,457)	(21,460,093)	(10)
Bond issuance costs	88,022	67,464	30	703,176	(1,979,129)	(136)
Bid bond forfeiture	0	0	0	(1,245,000)	0	
Allowance for funds used during construction	0	190,759	(100)	0	1,180,090	(100)
Losses due to typhoon	(66,912)	(294,555)		(705,196)	(491,854)	
Other expense	(4,298)	(4,291)	0	(34,335)	(34,328)	0
Total other income (expenses)	(2,087,885)	(2,273,080)	(8)	(17,727,822)	(21,097,806)	(16)
Income (loss) before capital contributions	2,387,371	1,439,938	66	13,275,425	6,891,731	93
Capital contributions	0	7,906	0	215,537	102,672	0
Increase (decrease) in net assets	2,387,371	1,447,844	65	13,490,962	6,994,403	93
Total net assets at beginning of period (restated)	(7,205,059)	115,723,116	0	(18,308,650)	110,176,557	(117)
Total net assets at end of period	\$ (4,817,688)	\$ 117,170,960	(104)	\$ (4,817,688)	\$ 117,170,960	(104)

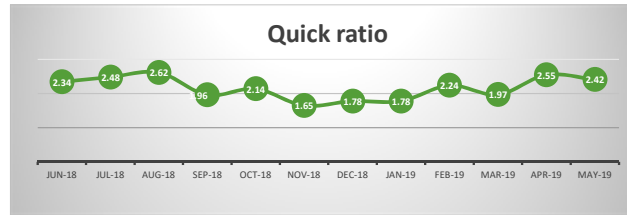
GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows Period Ended May 31, 2019		
	Month Ended 5/31/2019	YTD Ended 5/31/2019
Increase(decrease) in cash and cash equivalents		
Cash flows from operating activities:		
Cash received from customers	\$ 33,924,310	\$ 259,203,840
Cash payments to suppliers and employees for goods and services	29,584,239	223,370,722
Net cash provided by operating activities	4,340,071	35,833,118
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	344,696	2,921,990
Net cash provided by investing activities	344,696	2,921,990
Cash flows from non-capital financing activities		
Interest paid on short term debt	(6,532)	(53,120)
Provision for self insurance funds	-	(17,380)
Net cash provided by noncapital financing activities	(6,532)	(70,500)
Cash flows from capital and related financing activities		
Acquisition of utility plant	(1,365,950)	(20,515,444)
Principal paid on bonds and other long-term debt	-	(1,630,000)
Interest paid on bonds(net of capitalized interest)	-	(28,066,875)
Interest paid on capital lease obligations	(102,742)	(671,839)
Interest & principal funds held by trustee	(3,680,352)	182,549
Reserve funds held by trustee	(44,564)	145,236
Bond funds held by trustee	1,119,544	18,880,035
Principal payment on capital lease obligations	(628,857)	(10,937,392)
Grant from DOI/FEMA	-	215,537
Debt issuance costs/loss on defeasance	(321,537)	(2,571,296)
Net cash provided by (used in) capital and related financing activities	(5,024,458)	(44,969,489)
Net (decrease) increase in cash and cash equivalents	(346,224)	(6,284,881)
Cash and cash equivalents, beginning	136,644,812	142,583,470
Cash and cash equivalents-Funds held by GPA, May 31, 2019	\$ 136,298,589	\$ 136,298,589

GUAM POWER AUTHORITY (A COMPONENT UNIT OF THE GOVERNMENT OF GUAM) Statements of Cash Flows, continued Period Ended May 31, 2019			Month Ended 5/31/2019	YTD Ended 5/31/2019
Reconciliation of operating earnings to net cash provided by operating activities:				
Operating earnings net of depreciation expense and excluding interest income	\$	4,475,256	\$	31,003,247
Adjustments to reconcile operating earnings to net cash provided by operating activities:				
Depreciation and amortization		3,015,829		24,918,134
Other expense		16,812		(1,281,355)
(Increase) decrease in assets:				
Accounts receivable		(673,035)		(5,227,678)
Materials and inventory		(1,126,842)		(231,597)
Fuel inventory		(2,285,394)		7,414,124
Prepaid expenses		459,989		(3,913,338)
Unamortized debt issuance cost		23,524		188,192
Deferred fuel revenue		(1,222,338)		(4,605,369)
Unamortized loss on debt refunding		196,711		1,573,688
Unamortized forward delivery contract costs		13,280		106,240
Increase (decrease) in liabilities:				
Accounts payable-operations		2,413,076		(12,955,748)
Accounts payable-others		(58,230)		1,452,110
Accrued payroll and employees' benefits		(1,123,563)		(556,879)
Net pension liability		(278,590)		(2,439,721)
Employees' annual leave		76,815		255,936
Customers deposits		465,439		522,287
Customer advances for construction		-		190
Unearned forward delivery contract revenue		(48,668)		(389,345)
Net cash provided by operating activities	\$	4,340,071	\$	35,833,118

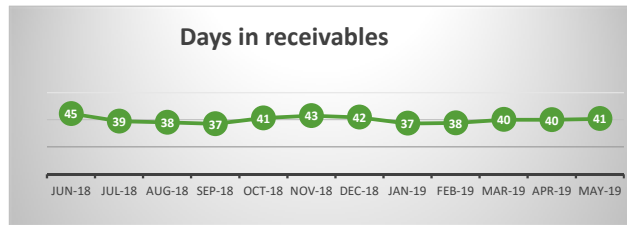
**Guam Power Authority
Financial Analysis
05/31/19**

Quick Ratio

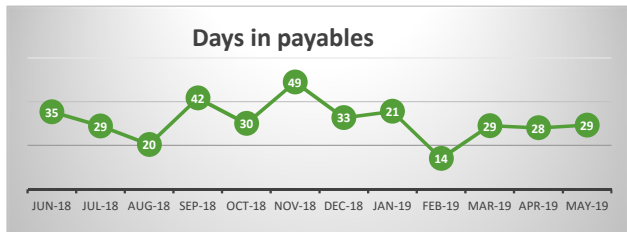
A	Reserve Funds Held by GPA	136,298,589
B	Current Accounts Receivable	43,811,834
C	Total Cash and A/R (A+B)	180,110,423
D	Total Current Liabilities	74,560,250
E	Quick Ratio (F/G)	2.42

**Days in Receivables**

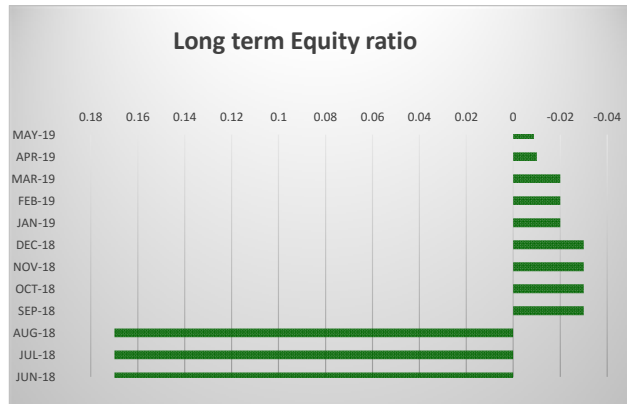
A	FY 18 Moving 12 Mos.-Actual	391,955,555
B	No. of Days	365
C	Average Revenues per day (A/B)	1,073,851
D	Current Accounts Receivable	43,811,834
E	Days in Receivables (D/C)	41

**Days in Payables**

A	FY 18 Moving 12 Months-Actual	450,548,561
B	No. of Days	365
C	Average Payables per day (A/B)	1,234,380
D	Current Accounts Payables	36,144,698
E	Days in Payables (D/C)	29

**Long term equity ratio**

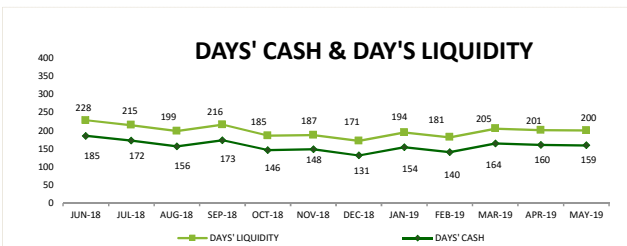
A	Equity	\$ (4,817,688.00)
B	Total Long term Liability	\$ 554,845,871.00
C	Total Equity and liability	\$ 550,028,183.00
D	Long term equity ratio (A/C)	-0.88%

**Days cash on hand**

A	Unrestricted cash & cash equivalents	136,299
B	No. of Days -YTD	243
C	A x B	33,120,557
D	Total Operating expenses excluding depreciation	208,482
E	Days cash on hand	159

Days' Liquidity

A	Unrestricted cash , cash equivalents & revolving	171,299
B	No. of Days -YTD	243
C	A x B	41,625,557
D	Total Operating expenses excluding depreciation	208,482
E	Days liquidity	200



GPA 302 11-Jun-19		GUAM POWER AUTHORITY ACCRUED REVENUE MAY 2019			
		FOR THE MONTH ENDED MAY		EIGHT MONTHS ENDED MAY	
		2019	2018	2019	2018
KWH SALES:					
Residential		45,901,332	44,782,019	323,106,661	334,973,180
Small Gen. Non Demand		6,785,836	7,216,684	52,447,689	54,969,964
Small Gen. Demand		16,473,837	16,316,998	121,729,655	124,781,697
Large General		25,831,230	26,377,222	199,110,602	208,467,322
Independent Power Producer		31,329	26,295	250,760	364,430
Private St. Lights		33,473	34,126	262,764	263,236
Sub-total		95,057,036	94,753,344	696,908,132	723,819,828
Government Service:					
Small Non Demand		1,265,906	1,224,286	9,287,022	9,745,582
Small Demand		8,650,402	8,098,401	63,726,952	63,634,757
Large		6,344,614	6,622,597	47,742,351	50,993,697
Street Lighting		838,818	761,901	5,983,567	5,770,092
Sub-total		17,099,740	16,707,185	126,739,891	130,144,128
Total		112,156,776	111,460,529	823,648,023	853,963,956
U. S. Navy		28,255,054	26,624,376	206,294,381	208,396,216
GRAND TOTAL		140,411,830	138,084,906	1,029,942,404	1,062,360,172
REVENUE:					
Residential	\$	11,457,009	\$ 11,371,498	\$ 81,020,690	\$ 77,648,495
Small Gen. Non Demand	\$	1,943,284	\$ 2,127,563	\$ 15,337,544	\$ 14,978,149
Small Gen. Demand	\$	4,442,708	\$ 4,513,787	\$ 33,433,320	\$ 31,836,542
Large General	\$	6,615,844	\$ 6,798,955	\$ 51,307,464	\$ 49,276,449
Independent Power Producer	\$	8,600	\$ 7,068	\$ 70,165	\$ 84,575
Private St. Lights	\$	25,670	\$ 26,776	\$ 206,441	\$ 202,614
Sub-total	\$	24,493,115	\$ 24,845,648	\$ 181,375,624	\$ 174,026,823
Government Service:					
Small Non Demand	\$	383,585	\$ 372,707	\$ 2,826,212	\$ 2,757,215
Small Demand	\$	2,465,281	\$ 2,323,025	\$ 18,298,879	\$ 16,981,217
Large	\$	1,743,611	\$ 1,840,797	\$ 13,222,015	\$ 13,161,573
Street Lighting	\$	497,965	\$ 477,272	\$ 3,880,510	\$ 3,535,184
Sub-total	\$	5,090,441	\$ 5,013,801	\$ 38,227,616	\$ 36,435,189
Total	\$	29,583,556	\$ 29,859,448	\$ 219,603,239	\$ 210,462,012
U. S. Navy	\$	5,183,974	\$ 5,005,555	\$ 43,254,530	\$ 38,769,075
GRAND TOTAL	\$	34,767,531	\$ 34,865,003	\$ 262,857,769	\$ 249,231,087
NUMBER OF CUSTOMERS:					
Residential		44,640	44,086	44,125	44,013
Small Gen. Non Demand		4,213	4,172	4,182	4,150
Small Gen. Demand		983	988	984	985
Large General		119	119	119	119
Independent Power Producer		2	2	2	2
Private St. Lights		520	533	523	530
Sub-total		50,477	49,900	49,936	49,798
Government Service:					
Small Non Demand		676	691	677	684
Small Demand		355	350	353	351
Large		42	47	43	47
Street Lighting		618	526	626	433
Sub-total		1,691	1,614	1,698	1,515
Total		52,168	51,514	51,634	51,312
US Navy		1	1	1	1
GRAND TOTAL		52,169	51,515	51,635	51,313

GPA Work Session - July 18 2019 - DIVISION REPORTS

GPA403 11-Jun-19		GUAM POWER AUTHORITY ACCRUED REVENUE											
	TWELVE MONTHS ENDING	MAY 2019	APRIL 2019	MARCH 2019	FEBRUARY 2019	JANUARY 2019	DECEMBER 2018	NOVEMBER 2018	OCTOBER 2018	SEPTEMBER 2018	AUGUST 2018	JULY 2018	JUNE 2018
KWH SALES:													
Residential	483,480,229	45,901,332	42,026,049	40,399,698	33,484,048	36,661,215	41,291,151	41,148,899	42,194,270	37,207,511	39,748,314	41,361,122	42,056,621
Small General Non Demand	78,897,330	6,785,836	7,066,118	6,549,399	5,421,847	6,252,665	6,871,789	6,712,433	6,787,602	6,128,698	6,737,467	6,743,157	6,840,318
Small General Demand	181,553,111	16,473,837	15,551,604	15,250,813	13,414,678	14,926,054	15,425,672	15,054,686	15,632,311	14,018,162	15,283,605	15,161,689	15,360,000
Large General	298,011,529	25,831,230	24,717,184	24,793,966	22,118,423	24,846,497	25,790,483	26,074,017	24,938,803	23,573,240	24,724,982	25,339,577	25,263,128
Private Outdoor Lighting	402,584	33,473	30,560	32,171	32,766	32,878	33,401	33,984	33,531	34,933	33,511	34,288	37,088
Independent Power Producer	366,045	31,329	28,130	34,407	25,891	36,117	28,494	35,867	30,526	29,708	30,251	30,088	25,238
Sub-Total	1,042,710,829	95,057,036	89,419,645	87,060,454	74,497,653	82,755,426	89,440,990	89,059,886	89,617,042	80,992,253	86,558,130	88,669,920	89,582,394
Government Service:													
Small Non Demand	13,868,424	1,265,906	1,195,401	1,192,582	1,019,279	1,066,520	1,218,540	1,096,422	1,232,371	1,089,787	1,205,730	1,128,046	1,157,839
Small Demand	93,038,132	8,650,402	8,019,578	8,144,760	7,207,579	7,752,635	8,107,721	7,758,614	8,085,662	7,082,161	7,641,330	7,182,975	7,404,715
Large	71,398,961	6,344,614	5,914,002	5,983,823	5,273,740	5,782,397	6,098,140	5,989,384	6,356,251	5,873,776	6,179,381	5,707,305	5,896,149
Street Lighting (Agencies)	9,259,693	838,818	763,841	710,856	791,792	714,935	805,684	744,605	613,035	734,966	842,364	903,135	795,661
Sub-Total	187,565,210	17,099,740	15,892,823	16,032,021	14,292,390	15,316,487	16,230,084	15,589,026	16,287,319	14,780,690	15,868,805	14,921,461	15,254,364
Total	1,230,276,039	112,156,776	105,312,468	103,092,475	88,790,044	98,071,914	105,671,074	104,648,912	105,904,361	95,772,942	102,426,935	103,591,381	104,836,757
U.S. Navy	304,358,337	28,255,054	27,083,234	26,077,843	22,368,909	24,517,651	26,518,827	24,888,490	26,584,373	23,161,867	24,921,140	25,089,942	24,891,007
Grand Total	1,534,634,376	140,411,830	132,395,702	129,170,318	111,158,952	122,589,564	132,189,902	129,537,402	132,488,734	118,934,809	127,348,076	128,681,323	129,727,764
REVENUE:													
Residential	\$ 121,195,626	\$ 11,457,009	\$ 10,559,992	\$ 10,171,326	\$ 8,491,117	\$ 9,109,499	\$ 10,347,514	\$ 10,286,420	\$ 10,597,812	\$ 9,335,975	\$ 9,971,178	\$ 10,379,963	\$ 10,487,819
Small General Non Demand	\$ 23,038,235	\$ 1,943,284	\$ 2,086,044	\$ 1,927,366	\$ 1,599,494	\$ 1,844,100	\$ 2,002,603	\$ 1,938,660	\$ 1,995,993	\$ 1,793,407	\$ 1,962,561	\$ 1,975,429	\$ 1,969,294
Small General Demand	\$ 49,850,727	\$ 4,442,708	\$ 4,275,919	\$ 4,237,399	\$ 3,714,204	\$ 4,135,462	\$ 4,234,344	\$ 4,091,967	\$ 4,301,317	\$ 3,892,588	\$ 4,192,538	\$ 4,191,623	\$ 4,150,658
Large General	\$ 76,950,076	\$ 6,615,844	\$ 6,321,363	\$ 6,456,767	\$ 5,778,637	\$ 6,433,966	\$ 6,618,506	\$ 6,715,109	\$ 6,367,272	\$ 6,170,948	\$ 6,427,049	\$ 6,510,707	\$ 6,533,909
Private Outdoor Lighting	\$ 312,867	\$ 25,670	\$ 25,155	\$ 25,651	\$ 25,784	\$ 26,100	\$ 25,860	\$ 26,021	\$ 26,201	\$ 26,392	\$ 26,189	\$ 26,302	\$ 27,542
Independent Power Producer	\$ 102,701	\$ 8,600	\$ 7,310	\$ 9,896	\$ 7,681	\$ 10,117	\$ 7,355	\$ 10,699	\$ 8,507	\$ 8,392	\$ 7,924	\$ 9,619	\$ 6,601
Sub-Total	\$ 271,450,232	\$ 24,493,115	\$ 23,275,783	\$ 22,828,405	\$ 19,616,918	\$ 21,559,243	\$ 23,236,182	\$ 23,068,875	\$ 23,297,103	\$ 21,227,703	\$ 22,587,439	\$ 23,083,643	\$ 23,175,823
Government Service:													
Small Non Demand	\$ 4,226,886	\$ 383,585	\$ 361,853	\$ 364,404	\$ 311,171	\$ 328,284	\$ 373,332	\$ 335,403	\$ 368,179	\$ 335,723	\$ 366,623	\$ 343,795	\$ 354,533
Small Demand	\$ 26,857,922	\$ 2,465,281	\$ 2,284,016	\$ 2,363,416	\$ 2,065,940	\$ 2,248,023	\$ 2,372,119	\$ 2,230,742	\$ 2,269,343	\$ 2,104,471	\$ 2,213,718	\$ 2,081,391	\$ 2,159,463
Large	\$ 19,913,053	\$ 1,743,611	\$ 1,632,794	\$ 1,668,683	\$ 1,492,275	\$ 1,614,932	\$ 1,688,786	\$ 1,646,650	\$ 1,734,285	\$ 1,680,530	\$ 1,733,549	\$ 1,609,173	\$ 1,667,786
Street Lighting (Agencies)	\$ 5,902,809	\$ 497,965	\$ 482,529	\$ 472,435	\$ 488,836	\$ 465,560	\$ 498,967	\$ 479,197	\$ 495,021	\$ 477,638	\$ 499,032	\$ 568,447	\$ 477,183
Sub-Total	\$ 56,900,670	\$ 5,090,441	\$ 4,761,191	\$ 4,868,938	\$ 4,358,222	\$ 4,656,799	\$ 4,933,204	\$ 4,691,993	\$ 4,866,827	\$ 4,598,362	\$ 4,812,921	\$ 4,602,806	\$ 4,658,965
Total	\$ 328,350,902	\$ 29,583,556	\$ 28,036,974	\$ 27,697,343	\$ 23,975,139	\$ 26,216,042	\$ 28,169,387	\$ 27,760,868	\$ 28,163,930	\$ 25,826,065	\$ 27,400,361	\$ 27,686,449	\$ 27,834,788
U.S. Navy	\$ 63,604,654	\$ 5,183,974	\$ 4,925,354	\$ 5,245,421	\$ 5,307,473	\$ 5,221,857	\$ 5,266,617	\$ 6,152,798	\$ 5,951,036	\$ 5,271,574	\$ 5,243,314	\$ 5,217,194	\$ 4,618,042
Grand Total	\$ 391,955,555	\$ 34,767,531	\$ 32,962,328	\$ 32,942,764	\$ 29,282,613	\$ 31,437,899	\$ 33,436,004	\$ 33,913,666	\$ 34,114,966	\$ 31,097,639	\$ 32,643,674	\$ 32,903,643	\$ 32,452,830
NUMBER OF CUSTOMERS:													
Residential	44,081	44,640	44,200	44,144	44,018	44,091	43,920	43,876	44,112	43,887	44,005	44,003	44,074
Small General Non Demand	4,180	4,213	4,185	4,183	4,173	4,180	4,166	4,176	4,183	4,159	4,185	4,183	4,173
Small General Demand	984	983	985	985	984	986	987	981	984	982	984	982	984
Large General	119	119	118	121	119	119	118	119	117	118	118	119	119
Private Outdoor Lighting	525	520	522	523	521	522	523	524	527	525	525	531	532
Independent Power Producer	2	2	2	2	2	2	2	3	2	3	3	3	3
Sub-Total	49,890	50,477	50,012	49,958	49,817	49,900	49,716	49,679	49,925	49,674	49,820	49,821	49,885
Government Service:													
Small Non Demand	680	676	672	675	678	679	683	667	686	677	683	690	694
Small Demand	352	355	356	357	357	356	360	327	352	353	354	351	351
Large	44	42	42	42	42	42	38	38	47	47	47	47	47
Street Lighting (Agencies)	618	618	621	629	628	628	628	628	629	627	614	612	559
Sub-Total	1,695	1,691	1,691	1,703	1,705	1,705	1,718	1,660	1,714	1,704	1,698	1,700	1,651
Total	51,585	52,168	51,703	51,661	51,522	51,605	51,434	51,339	51,639	51,378	51,518	51,521	51,536
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1
Grand Total	51,586	52,169	51,704	51,662	51,523	51,606	51,435	51,340	51,640	51,379	51,519	51,522	51,537

GPA Work Session - July 18 2019 - DIVISION REPORTS

GPA303

**GUAM POWER AUTHORITY
ACCRUED REVENUE
MAY 2019**

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE PER CUSTOMER		NON-FUEL		0.154242	
			AMOUNT	C/KWH	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
Month												
R Residential	44,640	45,901,332	\$ 11,457,009	\$ 24.96	\$ 24.96	\$ 11,457,009	1,028	\$ 257	\$ 9.54	\$ 4,377,096	\$ 15.42	\$ 7,079,913
G Small Gen. Non Demand	4,213	6,785,836	\$ 1,943,284	\$ 28.64	\$ 28.64	\$ 1,943,284	1,611	\$ 461	\$ 13.21	\$ 896,623	\$ 15.42	\$ 1,046,661
J Small Gen. Demand	983	16,473,837	\$ 4,442,708	\$ 26.97	\$ 26.97	\$ 4,442,708	16,759	\$ 4,520	\$ 11.55	\$ 1,902,944	\$ 15.42	\$ 2,539,764
P Large General	119	25,831,230	\$ 6,615,844	\$ 25.61	\$ 25.61	\$ 6,615,844	217,069	\$ 55,595	\$ 10.26	\$ 2,650,598	\$ 15.35	\$ 3,965,246
I Independent Power Producer	2	31,329	\$ 8,600	\$ 27.45	\$ 27.45	\$ 8,600	15,665	\$ 4,300	\$ 12.56	\$ 3,936	\$ 14.89	\$ 4,664
H Private St. Lights	520	33,473	\$ 25,670	\$ 76.69	\$ 76.69	\$ 25,670	64	\$ 49	\$ 61.26	\$ 20,507	\$ 15.42	\$ 5,163
Sub-Total	50,477	95,057,036	\$ 24,493,115	\$ 25.77	\$ 25.77	\$ 24,493,115	1,883	\$ 485	\$ 10.36	\$ 9,851,705	\$ 15.40	\$ 14,641,410
Government Service:												
S Small Non Demand	676	1,265,906	\$ 383,585	\$ 30.30	\$ 30.30	\$ 383,585	1,873	\$ 567	\$ 14.88	\$ 188,330	\$ 15.42	\$ 195,256
K Small Demand	355	8,650,402	\$ 2,465,281	\$ 28.50	\$ 28.50	\$ 2,465,281	24,367	\$ 6,944	\$ 13.07	\$ 1,131,025	\$ 15.42	\$ 1,334,255
L Large	42	6,344,614	\$ 1,743,611	\$ 27.48	\$ 27.48	\$ 1,743,611	151,062	\$ 41,515	\$ 12.24	\$ 776,546	\$ 15.24	\$ 967,064
F Street Lighting (Agencies)	618	838,818	\$ 497,965	\$ 59.37	\$ 59.37	\$ 497,965	1,357	\$ 806	\$ 43.94	\$ 368,584	\$ 15.42	\$ 129,381
Sub-Total	1,691	17,099,740	\$ 5,090,441	\$ 29.77	\$ 29.77	\$ 5,090,441	10,112	\$ 3,010	\$ 14.41	\$ 2,464,485	\$ 15.36	\$ 2,625,956
U.S. Navy	52,168	112,156,776	\$ 29,583,556	\$ 26.38	\$ 26.38	\$ 29,583,556	2,150	\$ 567	\$ 10.98	\$ 12,316,190	\$ 15.40	\$ 17,267,367
	1	28,255,054	\$ 5,183,974	\$ 18.35	\$ 18.35	\$ 5,183,974			\$ 6.16	\$ 1,740,797	\$ 12.19	\$ 3,443,178
TOTAL	52,169	140,411,830	\$ 34,767,531	\$ 24.76	\$ 24.76	\$ 34,767,531	2,691	\$ 666	\$ 10.01	\$ 14,056,987	\$ 14.75	\$ 20,710,544
Eight Months Ending May 2019												
R Residential	44,125	323,106,661	\$ 81,020,690	\$ 25.08	\$ 25.08	\$ 81,020,690	7,323	\$ 1,836	\$ 9.65	\$ 31,184,072	\$ 15.42	\$ 49,836,618
G Small Gen. Non Demand	4,182	52,447,689	\$ 15,337,544	\$ 29.24	\$ 29.24	\$ 15,337,544	12,540	\$ 3,667	\$ 13.82	\$ 7,247,907	\$ 15.42	\$ 8,089,636
J Small Gen. Demand	984	121,729,655	\$ 33,433,320	\$ 27.47	\$ 27.47	\$ 33,433,320	123,662	\$ 33,964	\$ 12.05	\$ 14,665,716	\$ 15.42	\$ 18,767,604
P Large General	119	199,110,602	\$ 51,307,464	\$ 25.77	\$ 25.77	\$ 51,307,464	1,676,721	\$ 432,063	\$ 10.42	\$ 20,740,637	\$ 15.35	\$ 30,566,827
I Independent Power Producer	2	250,760	\$ 70,165	\$ 27.98	\$ 27.98	\$ 70,165	118,005	\$ 33,019	\$ 13.10	\$ 32,847	\$ 14.88	\$ 37,318
H Private St. Lights	523	262,764	\$ 206,441	\$ 78.57	\$ 78.57	\$ 206,441	503	\$ 395	\$ 63.14	\$ 165,912	\$ 15.42	\$ 40,529
Sub-Total	49,936	696,908,132	\$ 181,375,624	\$ 26.03	\$ 26.03	\$ 181,375,624	13,956	\$ 3,632	\$ 10.62	\$ 74,037,091	\$ 15.40	\$ 107,338,532
Government Service:												
S Small Non Demand	677	9,287,022	\$ 2,826,212	\$ 30.43	\$ 30.43	\$ 2,826,212	13,718	\$ 4,175	\$ 15.01	\$ 1,393,763	\$ 15.42	\$ 1,432,449
K Small Demand	353	63,726,952	\$ 18,298,879	\$ 28.71	\$ 28.71	\$ 18,298,879	180,786	\$ 51,912	\$ 13.29	\$ 8,469,507	\$ 15.42	\$ 9,829,373
L Large	43	47,742,351	\$ 13,222,015	\$ 27.69	\$ 27.69	\$ 13,222,015	1,116,780	\$ 309,287	\$ 12.46	\$ 5,946,475	\$ 15.24	\$ 7,275,540
F Street Lighting (Agencies)	626	5,983,567	\$ 3,880,510	\$ 64.85	\$ 64.85	\$ 3,880,510	9,557	\$ 6,198	\$ 49.43	\$ 2,957,592	\$ 15.42	\$ 922,917
Sub-Total	1,698	126,739,891	\$ 38,227,616	\$ 30.16	\$ 30.16	\$ 38,227,616	74,624	\$ 22,508	\$ 14.81	\$ 18,767,337	\$ 15.35	\$ 19,460,279
U.S. Navy	1	206,294,381	\$ 43,254,530	\$ 20.97	\$ 20.97	\$ 43,254,530			\$ 6.53	\$ 13,464,235	\$ 14.44	\$ 29,790,295
TOTAL	51,635	1,029,942,404	\$ 262,857,769	\$ 25.52	\$ 25.52	\$ 262,857,769	19,947	\$ 5,091	\$ 10.32	\$ 106,268,664	\$ 15.20	\$ 156,589,106
Twelve Months Ending May 2019												
R Residential	44,081	483,480,229	\$ 121,195,626	\$ 25.07	\$ 25.07	\$ 121,195,626	10,968	\$ 2,749	\$ 9.64	\$ 46,622,668	\$ 15.42	\$ 74,572,958
G Small Gen. Non Demand	4,180	78,897,330	\$ 23,038,235	\$ 29.20	\$ 29.20	\$ 23,038,235	18,875	\$ 5,512	\$ 13.78	\$ 10,868,953	\$ 15.42	\$ 12,169,282
J Small Gen. Demand	984	181,553,111	\$ 49,850,727	\$ 27.46	\$ 27.46	\$ 49,850,727	184,521	\$ 50,666	\$ 12.04	\$ 21,859,167	\$ 15.42	\$ 27,991,560
P Large General	119	298,011,529	\$ 76,950,076	\$ 25.82	\$ 25.82	\$ 76,950,076	2,511,333	\$ 648,456	\$ 10.47	\$ 31,192,682	\$ 15.35	\$ 45,757,394
I Independent Power Producer	2	366,045	\$ 102,701	\$ 28.06	\$ 28.06	\$ 102,701	151,467	\$ 42,497	\$ 68.51	\$ 250,772	\$ 14.89	\$ 54,492
H Private St. Lights	525	402,584	\$ 312,867	\$ 77.71	\$ 77.71	\$ 312,867	767	\$ 596	\$ 11.97	\$ 48,208	\$ 15.42	\$ 62,095
Sub-Total	49,890	1,042,710,829	\$ 271,450,232	\$ 26.03	\$ 26.03	\$ 271,450,232	20,900	\$ 5,441	\$ 10.63	\$ 110,842,451	\$ 15.40	\$ 160,607,781
Government Service:												
S Small Non Demand	680	13,868,424	\$ 4,226,886	\$ 30.48	\$ 30.48	\$ 4,226,886	20,395	\$ 6,216	\$ 15.05	\$ 2,087,793	\$ 15.42	\$ 2,139,094
K Small Demand	352	93,038,132	\$ 26,857,922	\$ 28.87	\$ 28.87	\$ 26,857,922	264,000	\$ 76,211	\$ 13.44	\$ 12,507,534	\$ 15.42	\$ 14,350,388
L Large	44	71,398,961	\$ 19,913,053	\$ 27.89	\$ 27.89	\$ 19,913,053	1,616,580	\$ 450,862	\$ 12.65	\$ 9,032,887	\$ 15.24	\$ 10,880,166
F Street Lighting (Agencies)	618	9,259,693	\$ 5,902,809	\$ 63.75	\$ 63.75	\$ 5,902,809	14,973	\$ 9,545	\$ 48.32	\$ 4,474,575	\$ 15.42	\$ 1,428,233
Sub-Total	1,695	187,565,210	\$ 56,900,670	\$ 30.34	\$ 30.34	\$ 56,900,670	110,658	\$ 33,570	\$ 14.98	\$ 28,102,789	\$ 15.35	\$ 28,797,880
U.S. Navy	51,585	1,230,276,039	\$ 328,350,902	\$ 26.69	\$ 26.69	\$ 328,350,902	23,849	\$ 6,365	\$ 11.29	\$ 138,945,240	\$ 15.40	\$ 189,405,661
	1	304,358,337	\$ 63,604,654	\$ 20.90	\$ 20.90	\$ 63,604,654			\$ 6.48	\$ 19,718,978	\$ 14.42	\$ 43,885,676
TOTAL	51,586	1,534,634,376	\$ 391,955,555	\$ 25.54	\$ 25.54	\$ 391,955,555	29,749	\$ 7,598	\$ 10.34	\$ 158,664,218	\$ 15.20	\$ 233,291,337

GPA Work Session - July 18 2019 - DIVISION REPORTS

GPA-318
318May19

ENERGY ACCOUNT
FY 2019 Versus FY 2018

FOR INTERNAL USE ONLY

Gross Generation Number of days in Period Peak demand Date	May 2019		May 2018		Y T D 2019		Y T D 2018		MOVING TWELVE MONTHS	
	31		31		243		61		365	
	254		249		254		254		249	
	05/30/19		05/14/18		05/30/19		10/30/17		05/14/18	
	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	70,945,000		56,512,000		499,806,000		453,754,000		697,287,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	14,423,000		27,409,700		174,444,300		212,560,900		280,257,300	
MEC (ENRON) Piti 9 (IPP)	28,683,200		29,215,300		201,916,200		222,460,200		303,291,900	
TEMES Piti 7 (IPP)	3,916,718		2,215,440		39,823,424		16,148,831		63,988,090	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:										
MDI 10MW	506,376		0		623,389		946,580		977,067	
NRG Solar Dandan	4,762,146		4,537,268		32,604,547		32,346,595		46,559,298	
Dededo CT #1	864,240		543,500		4,579,500		5,696,850		10,688,720	
Dededo CT #2	1,844,430		713,680		6,416,340		4,568,900		14,073,910	
Macheche CT	3,374,689		6,000,136		35,234,080		36,364,273		47,224,548	
Yigo CT (Leased)	4,826,186		5,203,060		34,300,479		28,050,249		55,163,396	
Tenjo	3,041,310		3,061,560		18,054,570		30,371,570		29,181,130	
Talofofo 10 MW	722,170		1,125,490		5,150,130		10,527,260		7,934,770	
Aggreko	16,530,113		15,031,436		83,766,875		109,724,453		134,770,511	
Wind Turbine*	10,850		9,594		123,147		293,592		141,859	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
Ratio to last year	154,450,428	101.89	151,578,165	96.26	1,136,842,980	97.68	1,163,814,253	99.77	1,691,539,498	96.09
Station use	5,872,738		5,209,578		44,274,757		42,597,775		64,392,922	
Ratio to Gross generation		3.80		3.44		3.89		3.66		3.81
Net send out	148,577,689		146,368,586		1,092,568,223		1,121,216,477		1,627,146,576	
Ratio to last year		101.51		96.49		97.44		100.07		95.83
KWH deliveries:										
Sales to Navy (@34.5kv)	28,255,054		26,624,376		206,294,381		208,396,216		304,358,337	
Ratio to last year		106.12		96.08		98.99		98.34		96.60
GPA-metered	120,322,635		119,744,210		886,273,842		912,820,261		1,322,788,239	
Ratio to last year		100.48		96.58		97.09		100.47		95.65
Power factor adj.	0		0		0		0		0	
Adjusted	120,322,635		119,744,210		886,273,842		912,820,261		1,322,788,239	
GPA KWH Accountability:										
Sales to civilian customers- accrual basis	112,156,776		111,460,529		823,648,024		853,963,955		1,230,276,039	
Ratio to last year		100.62		96.67		96.45		100.54		94.92
GPA use-KWH	365,521		369,108		2,720,860		2,557,628		4,050,801	
Unaccounted For	7,800,338		7,914,573		59,904,958		56,298,678		88,461,400	
Ratio to deliveries		6.48		6.61		6.76		6.17		6.69
Ratio to Gross Generation		5.05		5.22		5.27		4.84		5.23
Ratio to Net Send Out		5.25		5.41		5.48		5.02		5.44

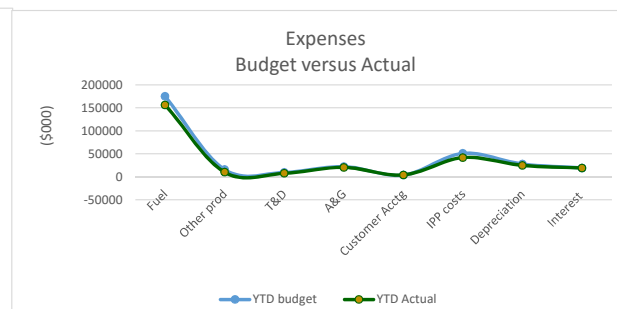
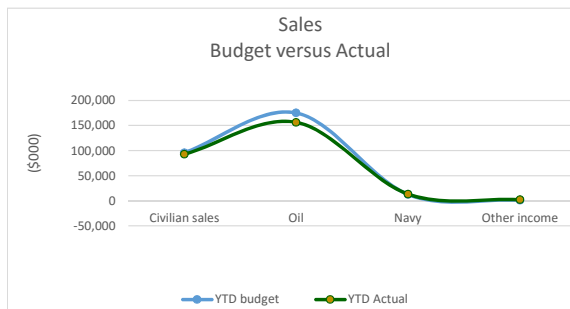
GPA Work Session - July 18 2019 - DIVISION REPORTS

GPA-317May19

**Guam Power Authority
Fuel Consumption
FY 2019**

Description	May 2019		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARREL S	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	141,108	\$10,243,922	941,120	\$ 69,839,188	1,323,452	\$ 96,073,815
Diesel	74,491	\$7,055,124	483,795	\$ 46,125,726	774,032	\$ 74,168,650
Low Sulfur	36,718	\$3,107,878	396,400	\$ 33,522,584	629,406	\$ 49,235,309
Deferred Fuel Costs	0	-\$1,222,338	0	\$ (4,605,370)	0	\$ (2,333,070)
Fuel Adjustments	0	-\$1,832		\$ 54,766	0	\$ (162,394)
Fuel Handling Costs	0	\$1,527,791	0	\$ 11,652,211	0	\$ 17,088,318
	252,317	\$20,710,545	1,821,315	\$ 156,589,106	2,726,890	\$ 234,070,629
IWPS:						
GPA RFO	141,108	\$10,243,922	941,120	\$ 69,839,188	1,323,452	\$ 96,073,815
Diesel	74,491	\$7,055,124	483,795	\$ 46,125,726	774,032	\$ 74,168,650
Low Sulfur	36,718	\$3,107,878	396,400	\$ 33,522,584	629,406	\$ 49,235,309
Deferred Fuel Costs	0	-\$1,222,338	0	\$ (4,605,370)	0	\$ (2,333,070)
Fuel Variance	0	-\$1,832	0	\$ 54,766		\$ (162,394)
Fuel Handling Costs	0	\$1,527,791	0	\$ 11,652,211	0	\$ 17,088,318
	252,317	\$20,710,545	1,821,315	\$ 156,589,106	2,726,890	\$ 234,070,629
AVERAGE COST/Bbl.						
GPA RFO		\$72.60		\$74.21		\$72.59
Diesel		\$94.71		\$95.34		\$95.82
Low Sulfur		\$84.64		\$84.57		\$78.23
AS BURNED						
Cabras 1 & 2						
RFO	93,347	\$ 6,785,647	675,580	\$ 50,554,872	875,518	\$ 64,357,639
Low Sulfur	25,965	\$ 2,197,674	160,809	\$ 13,527,788	300,399	\$ 22,955,944
Diesel	<u>226</u>	<u>\$ 20,950</u>	<u>1,240</u>	<u>\$ 120,703</u>	<u>2,317</u>	<u>\$ 219,964</u>
	119,538	\$ 9,004,271	837,629	\$ 64,203,363	1,178,234	\$ 87,533,547
Cabras 3 & 4						
RFO	0	\$ -	0	\$ -	0	\$ -
Low Sulfur	0	\$ -	0	\$ -	0	\$ -
Diesel	<u>0</u>	<u>\$ -</u>	<u>0</u>	<u>\$ -</u>	<u>0</u>	<u>\$ -</u>
	0	\$ -	0	\$ -	0	\$ -
MEC (Piti Units 8&9)						
RFO	47,761	\$ 3,458,275	265,540	\$ 19,284,316	447,934	\$ 31,716,176
Low Sulfur	10,754	\$ 910,204	235,591	\$ 19,994,797	329,007	\$ 26,279,365
Diesel	<u>0</u>	<u>\$ -</u>	<u>26</u>	<u>\$ 1,866</u>	<u>56</u>	<u>\$ 3,930</u>
	58,515	\$ 4,368,479	501,157	\$ 39,280,979	776,997	\$ 57,999,472
Diesel & CT's - GPA:						
MDI Dsl	811	\$ 67,138	944	\$ 77,170	1,583	\$ 124,621
Macheche CT	7,323	\$ 695,227	76,396	\$ 7,220,750	101,730	\$ 9,635,920
Yigo CT	10,259	\$ 933,349	74,274	\$ 7,006,102	118,394	\$ 11,265,514
Talofofo 10 MW	1,256	\$ 112,997	8,991	\$ 820,838	13,319	\$ 1,248,101
Aggreko	30,372	\$ 2,918,550	154,066	\$ 14,473,981	248,139	\$ 23,706,851
Tenjo	5,237	\$ 569,367	31,963	\$ 3,357,023	49,406	\$ 5,134,560
TEMES (IPP)	10,816	\$ 998,128	101,940	\$ 9,810,812	163,469	\$ 15,687,404
GWA Generators	<u>6</u>	<u>\$ 761</u>	<u>858</u>	<u>\$ 110,579</u>	<u>2,216</u>	<u>\$ 270,244</u>
	74,265	\$ 7,034,174	482,529	\$ 46,003,156	771,659	\$ 73,944,755
Deferred Fuel Costs	0	\$ (1,222,338)		\$ (4,605,370)		\$ (2,333,070)
Adjustment		\$ (1,832)		\$ 54,766		\$ (162,394)
Fuel Handling Costs	<u>0</u>	<u>\$ 1,527,791</u>		<u>\$ 11,652,211</u>		<u>\$ 17,088,318</u>
TOTAL	252,318	\$ 20,710,545	1,821,315	\$ 156,589,106	2,726,890	\$ 234,070,629

Statement of operations Comparison-Budget versus Actual For the month and year to date ended May 31, 2019						
	Budget	Actual May-19	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	116,325	112,157	4,168	856,569	823,647	32,922
Non-fuel yield	\$ 0.105171	\$ 0.109810	\$ (0.004639)	\$ 0.105171	\$ 0.112674	\$ (0.007504)
KwH Sales-Navy	26,910	28,255	(1,345)	205,805	206,294	(489)
Non-fuel yield	\$ 0.062350	\$ 0.061617	\$ 0.000733	\$ 0.062350	\$ 0.065271	\$ (0.002921)
Operating revenue						
Civilian sales	\$ 12,952	\$ 12,316	\$ 636	\$ 95,951	\$ 92,804	\$ 3,147
Oil	25,197	20,711	4,486	175,325	156,590	18,735
Navy	1,678	1,741	(63)	12,832	13,465	(633)
Other income	168	(68)	237	1,347	2,278	(931)
	<u>\$ 39,995</u>	<u>\$ 34,700</u>	<u>\$ 5,296</u>	<u>\$ 285,455</u>	<u>\$ 265,137</u>	<u>\$ 20,318</u>
Bad debts expense	92	92	-	732	732	-
Total operating revenues	\$ 39,904	\$ 34,608	\$ 5,296	\$ 284,723	\$ 264,405	\$ 20,318
Operating expenses:						
Production fuel	\$ 25,197	\$ 20,711	\$ 4,486	\$ 175,325	\$ 156,589	\$ 18,736
O & M expenses:						
Other production	2,016	1,304	712	15,885	10,060	5,825
Transmission distribution	1,197	1,204	(7)	9,623	7,789	1,833
Administrative expense	3,140	2,419	721	22,342	20,691	1,651
Customer accounting	399	466	(67)	3,206	3,486	(280)
	<u>6,753</u>	<u>5,393</u>	<u>1,359</u>	<u>51,056</u>	<u>42,027</u>	<u>9,029</u>
IPP costs	1,347	1,013	335	10,778	9,866	912
Depreciation	3,501	3,016	486	28,011	24,918	3,093
	<u>\$ 36,798</u>	<u>\$ 30,132</u>	<u>\$ 6,666</u>	<u>\$ 265,170</u>	<u>\$ 233,400</u>	<u>\$ 31,770</u>
Operating income	\$ 3,106	\$ 4,476	\$ (1,370)	\$ 19,553	\$ 31,004	\$ (11,452)
Other revenue (expenses):						
Investment income	177	345	(168)	1,416	2,922	(1,506)
Interest expense	(2,414)	(2,449)	36	(19,469)	(19,368)	(101)
AFUDC	202	-	202	1,613	-	1,613
Bid bond forfeiture	-	-	-	-	(1,245)	1,245
Losses due to typhoon	-	(67)	67	-	(705)	705
Bond issuance costs/Other expenses	142	84	59	1,139	669	470
Net income before capital contribution	1,213	2,388	(1,176)	4,251	13,276	(9,026)
Grants from the U.S. Government	-	-	-	-	216	(216)
Increase (decrease) in net assets	\$ 1,213	\$ 2,388	\$ (1,176)	\$ 4,251	\$ 13,492	\$ (9,242)



Guam Power Authority
Debt service coverage
May 31, 2019

	2015	2016	Restated 2017	Audited 2018	YTD Unaudited 2019
Funds Available for Debt Service					
Earnings from Operations	\$ 48,758	\$ 37,981	\$ 36,522	\$ 38,164	\$ 31,003
Interest Income	256	57	122	620	2,223
Depreciation Expense	41,766	44,240	44,292	37,184	24,918
Balance Available for Debt Service	\$ 90,780	\$ 82,278	\$ 80,936	\$ 75,968	\$ 58,144
IPP - Capital Costs					
Principal	\$ 18,144	\$ 14,819	\$ 20,796	\$ 23,210	\$ 10,955
Interest	8,478	5,970	5,609	3,159	768
Total IPP Payments	\$ 26,622	\$ 20,789	\$ 26,405	\$ 26,369	\$ 11,723
Bond Debt Service					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	9,605	-	-	-	-
Principal and Interest (2010 Senior TE Bond)	7,999	7,999	7,999	2,000	-
Principal and Interest (2012 Senior TE Bond)	17,096	17,098	17,449	17,086	20,978
Principal and Interest (2014 Senior TE Bond)	-	10	5,084	5,083	3,389
Principal and Interest (2017 Senior TE Bond)	-	-	-	5,916	5,071
Total	\$ 34,700	\$ 25,107	\$ 30,532	\$ 30,086	\$ 29,439
Debt Service Coverage (DSC) Calculation					
Existing DSC Methodology (Senior)	2.56 x	2.45 x	1.79 x	1.65 x	1.58 x
Existing DSC Methodology (Senior+Subordinate)	1.85 x	2.45 x	1.79 x	1.65 x	1.58 x
Bond Covenant DSC	2.62 x	3.28 x	2.65 x	2.53 x	1.98 x
Debt Service Coverage Requirements					
Existing Ratemaking DSC Target	1.75 x	1.75 x	1.75 x	1.75 x	1.75 x
Minimum Bond Covenant Requirement (Senior Bond)	1.30 x	1.30 x	1.30 x	1.30 x	1.30 x
Minimum Bond Covenant Requirement (Subordinate Bond)	1.20 x	1.20 x	1.20 x	1.20 x	1.20 x

Notes:

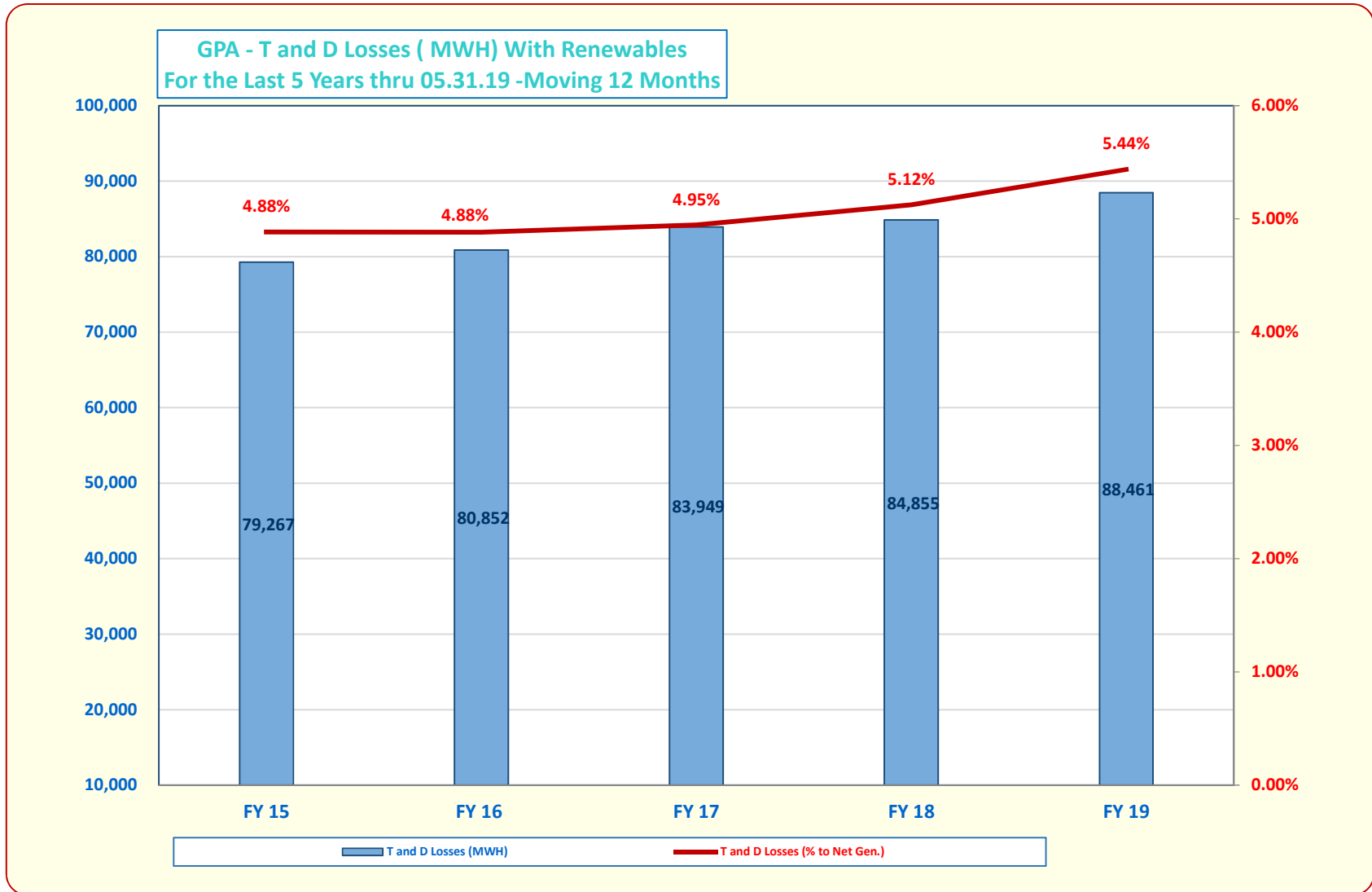
- (1) Source: Guam Power Authority, 2014 - 2017 Audited Financial Statements
- (2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit.
- (3) Existing DSC Methodology (Rating Agency Method):
 (Operating Earnings + Depreciation Expense - IPP Principal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

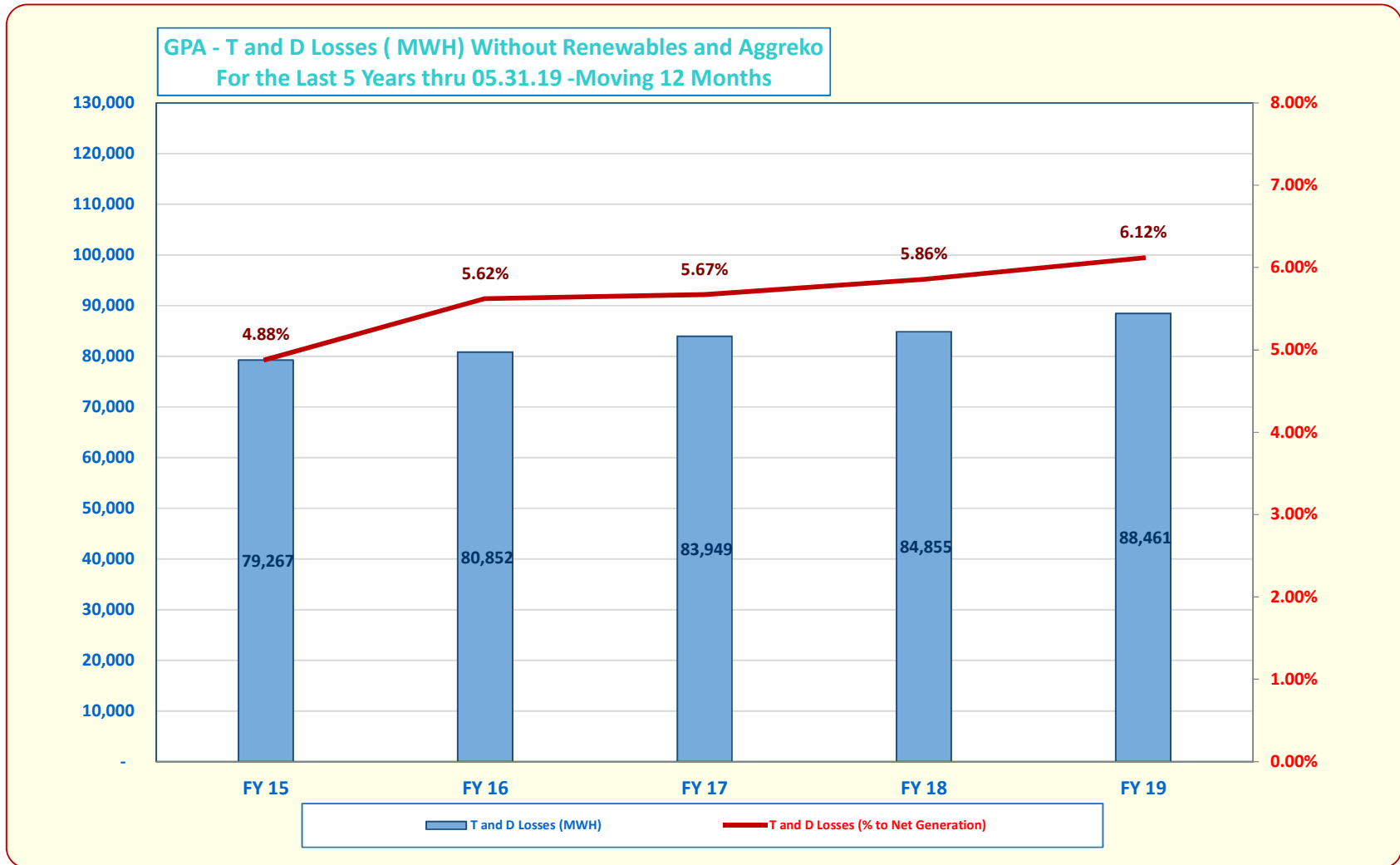
GPA Work Session - July 18 2019 - DIVISION REPORTS

REVENUES-ACTUAL VS PROJECTIONS								
MONTHLY - MAY 2019					YTD THRU 05/31/19			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	47,815,445	45,901,332	(1,914,114)	-4.00%	335,760,203	323,106,661	(12,653,542)	-3.77%
Small General-Non-Demand	7,524,793	6,785,836	(738,958)	-9.82%	56,009,290	52,447,689	(3,561,601)	-6.36%
Small General-Demand	16,084,954	16,473,837	388,882	2.42%	122,835,466	121,729,655	(1,105,811)	-0.90%
Large	27,534,905	25,831,230	(1,703,676)	-6.19%	211,080,297	199,110,602	(11,969,694)	-5.67%
Independent Power Producers	48,112	31,329	(16,783)	-34.88%	368,820	250,760	(118,060)	-32.01%
Private St. Lites	26,929	33,473	6,544	24.30%	262,027	262,764	737	0.28%
Sub-total	99,035,139	95,057,036	(3,978,103)	-4.02%	726,316,103	696,908,132	(29,407,971)	-4.05%
Government								
Small_Non Demand	1,294,474	1,265,906	(28,568)	-2.21%	9,379,539	9,287,022	(92,517)	-0.99%
Small-Demand	8,444,582	8,650,402	205,820	2.44%	64,360,072	63,726,952	(633,120)	-0.98%
Large	6,844,855	6,344,614	(500,241)	-7.31%	50,602,152	47,742,351	(2,859,801)	-5.65%
Public St. Lites	706,263	838,818	132,556	18.77%	5,911,584	5,983,567	71,982	1.22%
Sub-total	17,290,173	17,099,740	(190,433)	-1.10%	130,253,347	126,739,891	(3,513,456)	-2.70%
Total-Civilian	116,325,312	112,156,776	(4,168,536)	-3.58%	856,569,450	823,648,023	(32,921,427)	-3.84%
USN	26,910,442	28,255,054	1,344,612	5.00%	205,804,564	206,294,381	489,816	0.24%
Grand Total	143,235,755	140,411,830	(2,823,925)	-1.97%	1,062,374,015	1,029,942,404	(32,431,611)	-3.05%
Non-Oil Yield								
Residential	0.096102	0.095359	(0.000743)	-0.77%	0.096102	0.096513	0.000411	0.43%
Small General-Non-Demand	0.136352	0.132132	(0.004220)	-3.10%	0.136352	0.138193	0.001841	1.35%
Small General-Demand	0.119289	0.115513	(0.003776)	-3.17%	0.119289	0.120478	0.001189	1.00%
Large	0.103671	0.102612	(0.001059)	-1.02%	0.103671	0.104166	0.000495	0.48%
Independent Power Producers	0.120485	0.125637	0.005152	0.00%	0.120485	0.130991	0.010506	0.00%
Private St. Lites	0.568458	0.612647	0.044189	7.77%	0.568458	0.631410	0.062952	11.07%
Sub-total	0.105171	0.103640	(0.001531)	-1.46%	0.105510	0.106237	0.000727	0.69%
Government								
Small_Non Demand	0.150024	0.148771	(0.001253)	-0.84%	0.150024	0.150076	0.000052	0.03%
Small-Demand	0.134359	0.130748	(0.003611)	-2.69%	0.134359	0.132903	(0.001456)	-1.08%
Large	0.126658	0.122395	(0.004263)	-3.37%	0.126658	0.124553	(0.002105)	-1.66%
Public St. Lites	0.482817	0.439408	(0.043409)	-8.99%	0.482817	0.494286	0.011469	2.38%
Sub-total	0.146717	0.144124	(0.002593)	-1.77%	0.148310	0.148078	(0.000233)	-0.16%
Total-Civilian	0.175911	0.109812	(0.066099)	-37.58%	0.165044	0.112675	(0.052369)	-31.73%
USN	0.062350	0.061610	(0.000740)	-1.19%	0.062350	0.065267	0.002917	4.68%
Grand Total	0.102141	0.100113	(0.002028)	-1.99%	0.102396	0.103179	0.000783	0.76%
Non-Oil Revenues								
Residential	4,595,160	4,377,096	(218,064)	-4.75%	32,267,227	31,184,072	(1,083,155)	-3.36%
Small General-Non-Demand	1,026,021	896,623	(129,398)	-12.61%	7,636,979	7,247,907	(389,072)	-5.09%
Small General-Demand	1,918,758	1,902,944	(15,814)	-0.82%	14,652,920	14,665,716	12,796	0.09%
Large	2,854,571	2,650,598	(203,973)	-7.15%	21,882,905	20,740,637	(1,142,269)	-5.22%
Independent Power Producers	5,797	3,936	(1,861)	-32.10%	44,437	32,847	(11,590)	-26.08%
Private St. Lites	15,308	20,507	5,199	33.96%	148,951	165,912	16,961	11.39%
Sub-total	10,415,615	9,851,705	(563,910)	-5.41%	76,633,420	74,037,091	(2,596,329)	-3.39%
Government								
Small_Non Demand	194,202	188,330	(5,873)	-3.02%	1,407,156	1,393,763	(13,393)	-0.95%
Small-Demand	1,134,606	1,131,025	(3,580)	-0.32%	8,647,355	8,469,507	(177,848)	-2.06%
Large	866,956	776,546	(90,409)	-10.43%	6,409,167	5,946,475	(462,692)	-7.22%
Public St. Lites	340,996	368,584	27,588	8.09%	2,854,213	2,957,592	103,379	3.62%
Sub-total	2,536,759	2,464,485	(72,274)	-2.85%	19,317,892	18,767,337	(550,554)	-2.85%
Total-Civilian	12,952,374	12,316,190	(636,184)	-4.91%	95,951,311	92,804,428	(3,146,883)	-3.28%
USN	1,677,866	1,740,797	62,931	3.75%	12,831,915	13,464,235	632,321	4.93%
Grand Total	14,630,240	14,056,987	(573,253)	-3.92%	108,783,226	106,268,664	(2,514,562)	-2.31%
% of Total Revenues	36.73%	40.43%			38.29%	40.43%		
Oil Revenues								
Residential	8,411,281	7,079,913	(1,331,367)	-15.83%	55,450,145	49,836,618	(5,613,528)	-10.12%
Small General-Non-Demand	1,323,697	1,046,661	(277,036)	-20.93%	9,248,457	8,089,636	(1,158,821)	-12.53%
Small General-Demand	2,829,526	2,539,764	(289,762)	-10.24%	20,268,031	18,767,604	(1,500,427)	-7.40%
Large	4,843,703	3,965,246	(878,457)	-18.14%	34,812,910	30,566,827	(4,246,083)	-12.20%
Independent Power Producers	8,463	4,664	(3,800)	-44.89%	60,829	37,318	(23,510)	-38.65%
Private St. Lites	4,737	5,163	426	8.99%	42,838	40,529	(2,309)	-5.39%
Sub-total	17,421,407	14,641,410	(2,779,997)	-15.96%	119,883,211	107,338,533	(12,544,678)	-10.46%
Government								
Small_Non Demand	227,713	195,256	(32,457)	-14.25%	1,547,892	1,432,449	(115,443)	-7.46%
Small-Demand	1,485,498	1,334,255	(151,243)	-10.18%	10,614,317	9,829,373	(784,944)	-7.40%
Large	1,204,088	967,064	(237,024)	-19.68%	8,354,166	7,275,540	(1,078,626)	-12.91%
Public St. Lites	124,240	129,381	5,141	4.14%	971,901	922,917	(48,984)	-5.04%
Sub-total	3,041,538	2,625,956	(415,582)	-13.66%	21,488,275	19,460,278	(2,027,997)	-9.44%
Total-Civilian	20,462,945	17,267,367	(3,195,579)	-15.62%	141,371,486	126,798,812	(14,572,674)	-10.31%
USN	4,733,853	3,443,178	(1,290,675)	-27.26%	33,953,638	29,790,295	(4,163,343)	-12.26%
Grand Total	25,196,798	20,710,544	(4,486,254)	-17.80%	175,325,124	156,589,106	(18,736,017)	-10.69%
% of Total Revenues	63.27%	59.57%			61.71%	59.57%		
Grand Total								
Residential	13,006,441	11,457,009	(1,549,431)	-11.91%	87,717,372	81,020,690	(6,696,682)	-7.63%
Small General-Non-Demand	2,349,717	1,943,284	(406,433)	-17.30%	16,885,436	15,337,544	(1,547,892)	-9.17%
Small General-Demand	4,748,285	4,442,708	(305,576)	-6.44%	34,920,951	33,433,320	(1,487,632)	-4.26%
Large	7,698,274	6,615,844	(1,082,430)	-14.06%	56,695,816	51,307,464	(5,388,352)	-9.50%
Independent Power Producers	14,260	8,600	(5,660)	-39.69%	105,266	70,166	(35,100)	-33.34%
Private St. Lites	20,045	25,670	5,625	28.06%	191,789	206,441	14,652	7.64%
Sub-total	27,837,022	24,493,115	(3,343,907)	-12.01%	196,516,630	181,375,624	(15,141,006)	-7.70%
Government								
Small_Non Demand	421,915	383,585	(38,329)	-9.08%	2,955,048	2,826,212	(128,836)	-4.36%
Small-Demand	2,620,104	2,465,281	(154,823)	-5.91%	19,261,671	18,298,879	(962,792)	-5.00%
Large	2,071,043	1,743,611	(327,433)	-15.81%	14,763,333	13,222,015	(1,541,318)	-10.44%
Public St. Lites	465,235	497,965	32,730	7.04%	3,826,115	3,880,510	54,395	1.42%
Sub-total	5,578,297	5,090,441	(487,856)	-8.75%	40,806,167	38,227,616	(2,578,551)	-6.32%
Total-Civilian	33,415,319	29,583,556	(3,831,762)	-11.47%	237,322,797	219,603,240	(17,719,557)	-7.47%
USN	6,411,719	5,183,974	(1,227,744)	-19.15%	46,785,553	43,254,530	(3,531,022)	-7.55%
Grand Total	39,827,038	34,767,531	(5,059,507)	-12.70%	284,108,350	262,857,770	(21,250,580)	-7.48%

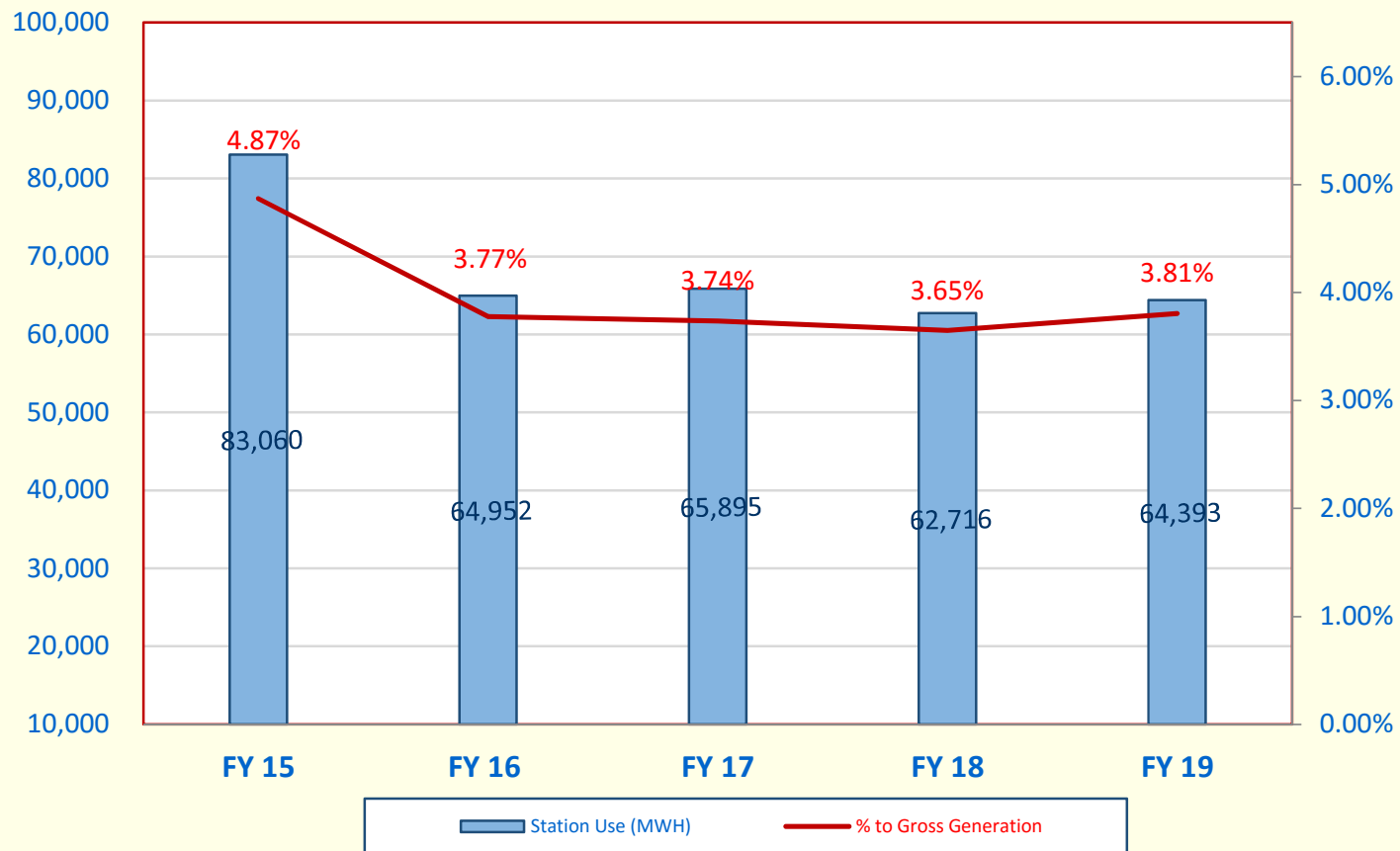
GPA Work Session - July 18 2019 - DIVISION REPORTS

YTD REVENUES - CURRENT YEAR VS PRIOR YEAR					MTD REVENUES - CURRENT YEAR VS PRIOR YEAR				
ACTUALS - 8 MONTHS ENDED MAY 31					ACTUALS - MONTH ENDED MAY 31				
	2019	2018	VARIANCE	% VARIANCE	2019	2018	VARIANCE	% VARIANCE	
KWH									
Residential	323,106,661	334,973,180	(11,866,519)	-3.54%	45,901,332	44,782,019	1,119,313	2.50%	
Small General-Non-Demand	52,447,689	54,969,964	(2,522,275)	-4.59%	6,785,836	7,216,684	(430,848)	-5.97%	
Small General-Demand	121,729,655	124,781,697	(3,052,042)	-2.45%	16,473,837	16,316,998	156,839	0.96%	
Large	199,110,602	208,467,322	(9,356,719)	-4.49%	25,831,230	26,377,222	(545,992)	-2.07%	
Independent Power Producers	250,760	364,430	(113,669)	-31.19%	31,329	26,295	5,034	19.14%	
Private St. Lites	262,764	263,236	(472)	-0.18%	33,473	34,126	(654)	-1.92%	
Sub-total	696,908,132	723,819,828	(26,911,696)	-3.72%	95,057,036	94,753,344	303,692	0.32%	
Government									
Small_Non Demand	9,287,022	9,745,582	(458,560)	-4.71%	1,265,906	1,224,286	41,620	3.40%	
Small-Demand	63,726,952	63,634,757	92,195	0.14%	8,650,402	8,098,401	552,001	6.82%	
Large	47,742,351	50,993,697	(3,251,346)	-6.38%	6,344,614	6,622,597	(277,983)	-4.20%	
Public St. Lites	5,983,567	5,770,092	213,474	3.70%	838,818	761,901	76,917	10.10%	
Sub-total	126,739,891	130,144,128	(3,404,237)	-2.62%	17,099,740	16,707,185	392,555	2.35%	
Total-Civilian	823,648,023	853,963,956	(30,315,933)	-3.55%	112,156,776	111,460,529	696,246	0.62%	
USN	206,294,381	208,396,216	(2,101,835)	-1.01%	28,255,054	26,624,376	1,630,678	6.12%	
Grand Total	1,029,942,404	1,062,360,172	(32,417,768)	-3.05%	140,411,830	138,084,906	2,326,924	1.69%	
Non-Oil Yield									
Residential	0.096513	0.096264	0.000250	0.26%	0.095359	0.096207	-0.000848	-0.88%	
Small General-Non-Demand	0.138193	0.136864	0.001329	0.97%	0.132132	0.137053	-0.004922	-3.59%	
Small General-Demand	0.120478	0.119962	0.000516	0.43%	0.115513	0.119560	-0.004047	-3.38%	
Large	0.104166	0.103509	0.000658	0.64%	0.102612	0.103537	-0.000925	-0.89%	
Independent Power Producers	0.130991	0.109135	0.021856	20.03%	0.125637	0.119682	0.005954	4.98%	
Private St. Lites	0.631410	0.636841	-0.005431	-0.85%	0.612647	0.630365	-0.017718	-2.81%	
Sub-total	0.106237	0.105722	0.000514	0.49%	0.103640	0.105579	-0.001939	-1.84%	
Government									
Small_Non Demand	0.150076	0.150014	0.000062	0.04%	0.148771	0.150180	-0.001410	-0.94%	
Small-Demand	0.132903	0.133814	-0.000911	-0.68%	0.130748	0.132608	-0.001859	-1.40%	
Large	0.124553	0.126643	-0.002090	-1.65%	0.122395	0.125484	-0.003089	-2.46%	
Public St. Lites	0.494286	0.479314	0.014972	3.12%	0.439408	0.472181	-0.032772	-6.94%	
Sub-total	0.148078	0.147536	0.000542	0.37%	0.144124	0.146557	-0.002433	-1.66%	
Total-Civilian	0.112675	0.112094	0.000580	0.52%	0.109812	0.111721	-0.001909	-1.71%	
USN	0.065267	0.061825	0.003442	5.57%	0.061610	0.058553	0.003057	5.22%	
Grand Total	0.103179	0.102234	0.000946	0.93%	0.100113	0.101470	-0.001357	-1.34%	
Non-Oil Revenues									
Residential	31,184,072	32,245,704	(1,061,632)	-3.29%	4,377,096	4,308,342	68,754	1.60%	
Small General-Non-Demand	7,247,907	7,523,396	(275,489)	-3.66%	896,623	989,072	(92,449)	-9.35%	
Small General-Demand	14,665,716	14,969,052	(303,337)	-2.03%	1,902,944	1,950,862	(47,918)	-2.46%	
Large	20,740,637	21,578,149	(837,512)	-3.88%	2,650,598	2,731,023	(80,425)	-2.94%	
Independent Power Producers	32,847	39,772	(6,925)	-17.41%	3,936	3,147	789	25.07%	
Private St. Lites	165,912	167,639	(1,728)	-1.03%	20,507	21,512	(1,005)	-4.67%	
Sub-total	74,037,091	76,523,713	(2,486,622)	-3.25%	9,851,705	10,003,958	(152,253)	-1.52%	
Government									
Small_Non Demand	1,393,763	1,461,976	(68,213)	-4.67%	188,330	183,864	4,466	2.43%	
Small-Demand	8,469,507	8,515,236	(45,729)	-0.54%	1,131,025	1,073,911	57,114	5.32%	
Large	5,946,475	6,458,002	(511,527)	-7.92%	776,546	831,027	(54,481)	-6.56%	
Public St. Lites	2,957,592	2,765,683	191,909	6.94%	368,584	359,755	8,829	2.45%	
Sub-total	18,767,337	19,200,897	(433,560)	-2.26%	2,464,485	2,448,557	15,928	0.65%	
Total-Civilian	92,804,428	95,724,611	(2,920,182)	-3.05%	12,316,190	12,452,514	(136,324)	-1.09%	
USN	13,464,235	12,884,194	580,041	4.50%	1,740,797	1,558,948	181,849	11.66%	
Grand Total	106,268,664	108,608,805	(2,340,141)	-2.15%	14,056,987	14,011,462	45,524	0.32%	
% of Total Revenues									
Oil Revenues									
Residential	49,836,618	45,402,791	4,433,827	9.77%	7,079,913	7,063,156	16,757	0.24%	
Small General-Non-Demand	8,089,636	7,454,753	634,884	8.52%	1,046,661	1,138,492	(91,831)	-8.07%	
Small General-Demand	18,767,604	16,867,490	1,900,114	11.26%	2,539,764	2,562,926	(23,161)	-0.90%	
Large	30,566,827	27,698,300	2,868,527	10.36%	3,965,246	4,067,932	(102,686)	-2.52%	
Independent Power Producers	37,318	44,803	(7,484)	-16.70%	4,664	3,921	743	18.96%	
Private St. Lites	40,529	34,974	5,555	15.88%	5,163	5,264	(101)	-1.92%	
Sub-total	107,338,533	97,503,110	9,835,423	10.09%	14,641,410	14,841,690	(200,279)	-1.35%	
Government									
Small_Non Demand	1,432,449	1,295,239	137,210	10.59%	195,256	188,843	6,412	3.40%	
Small-Demand	9,829,373	8,465,981	1,363,392	16.10%	1,334,255	1,249,114	85,142	6.82%	
Large	7,275,540	6,703,571	571,969	8.53%	967,064	1,009,770	(42,706)	-4.23%	
Public St. Lites	922,917	769,500	153,417	19.94%	129,381	117,517	11,864	10.10%	
Sub-total	19,460,278	17,234,291	2,225,987	12.92%	2,625,956	2,565,244	60,712	2.37%	
Total-Civilian	126,798,812	114,737,401	12,061,410	10.51%	17,267,367	17,406,934	(139,567)	-0.80%	
USN	29,790,295	25,884,881	3,905,414	15.09%	3,443,178	3,446,607	(3,429)	-0.10%	
Grand Total	156,589,106	140,622,282	15,966,824	11.35%	20,710,544	20,853,541	(142,996)	-0.69%	
% of Total Revenues									
Grand Total									
Residential	81,020,690	77,648,495	3,372,195	4.34%	11,457,009	11,371,498	85,511	0.75%	
Small General-Non-Demand	15,337,544	14,978,149	359,395	2.40%	1,943,284	2,127,563	(184,279)	-8.66%	
Small General-Demand	33,433,320	31,836,542	1,596,778	5.02%	4,442,708	4,513,787	(71,079)	-1.57%	
Large	51,307,464	49,276,449	2,031,015	4.12%	6,615,844	6,798,955	(183,111)	-2.69%	
Independent Power Producers	70,166	84,575	(14,409)	-17.04%	8,600	7,068	1,532	21.68%	
Private St. Lites	206,441	202,614	3,828	1.89%	25,670	26,776	(1,106)	-4.13%	
Sub-total	181,375,624	174,026,823	7,348,801	4.22%	24,493,115	24,845,648	(352,532)	-1.42%	
Government									
Small_Non Demand	2,826,212	2,757,215	68,996	2.50%	383,585	372,707	10,878	2.92%	
Small-Demand	18,298,879	16,981,217	1,317,662	7.76%	2,465,281	2,323,025	142,256	6.12%	
Large	13,222,015	13,161,573	60,442	0.46%	1,743,611	1,840,797	(97,187)	-5.28%	
Public St. Lites	3,880,510	3,535,184	345,326	9.77%	497,965	477,272	20,693	4.34%	
Sub-total	38,227,616	36,435,189	1,792,427	4.92%	5,090,441	5,013,801	76,640	1.53%	
Total-Civilian	219,603,240	210,462,012	9,141,228	4.34%	29,583,556	29,859,448	(275,892)	-0.92%	
USN	43,254,530	38,769,075	4,485,455	11.57%	5,183,974	5,005,555	178,420	3.56%	
Grand Total	262,857,770	249,231,087	13,626,683	5.47%	34,767,531	34,865,003	(97,472)	-0.28%	

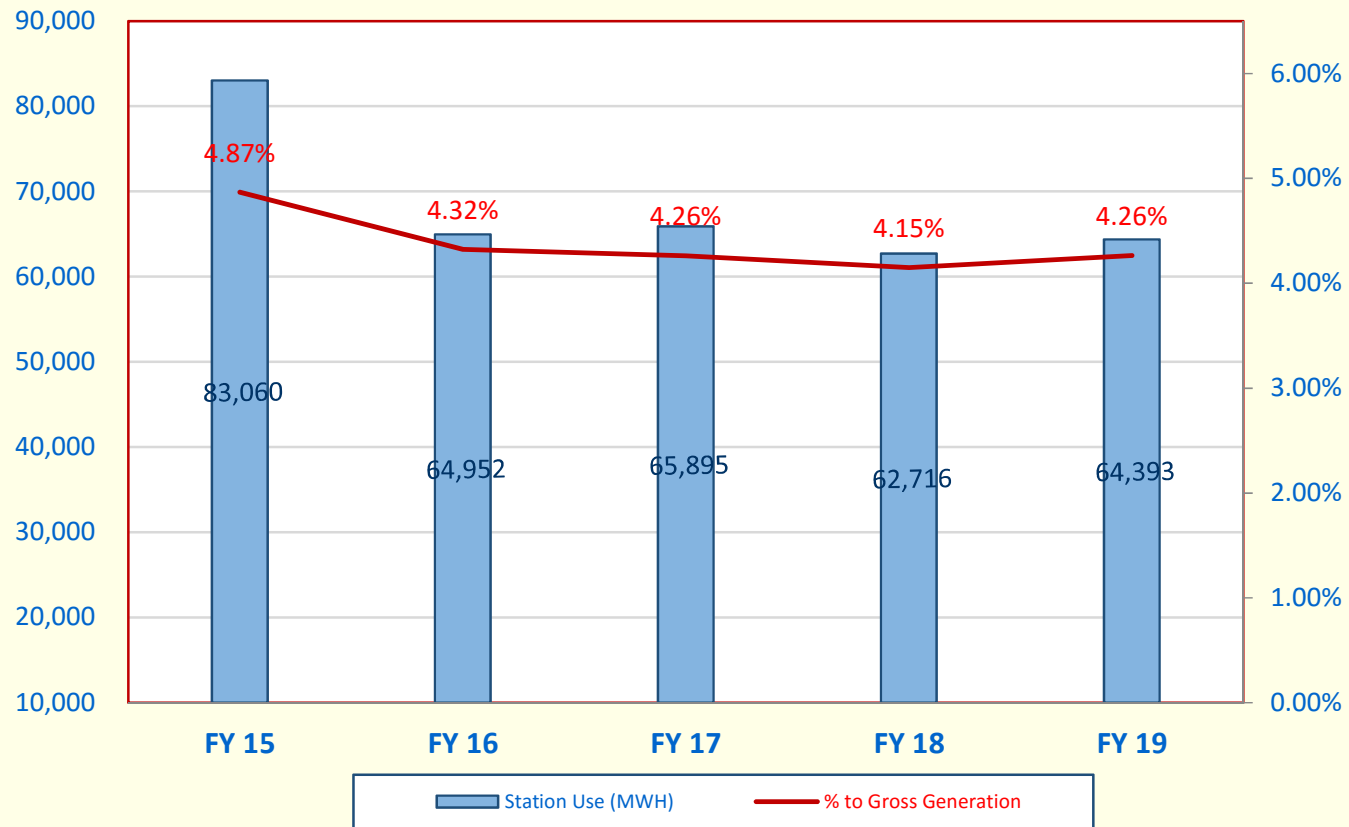


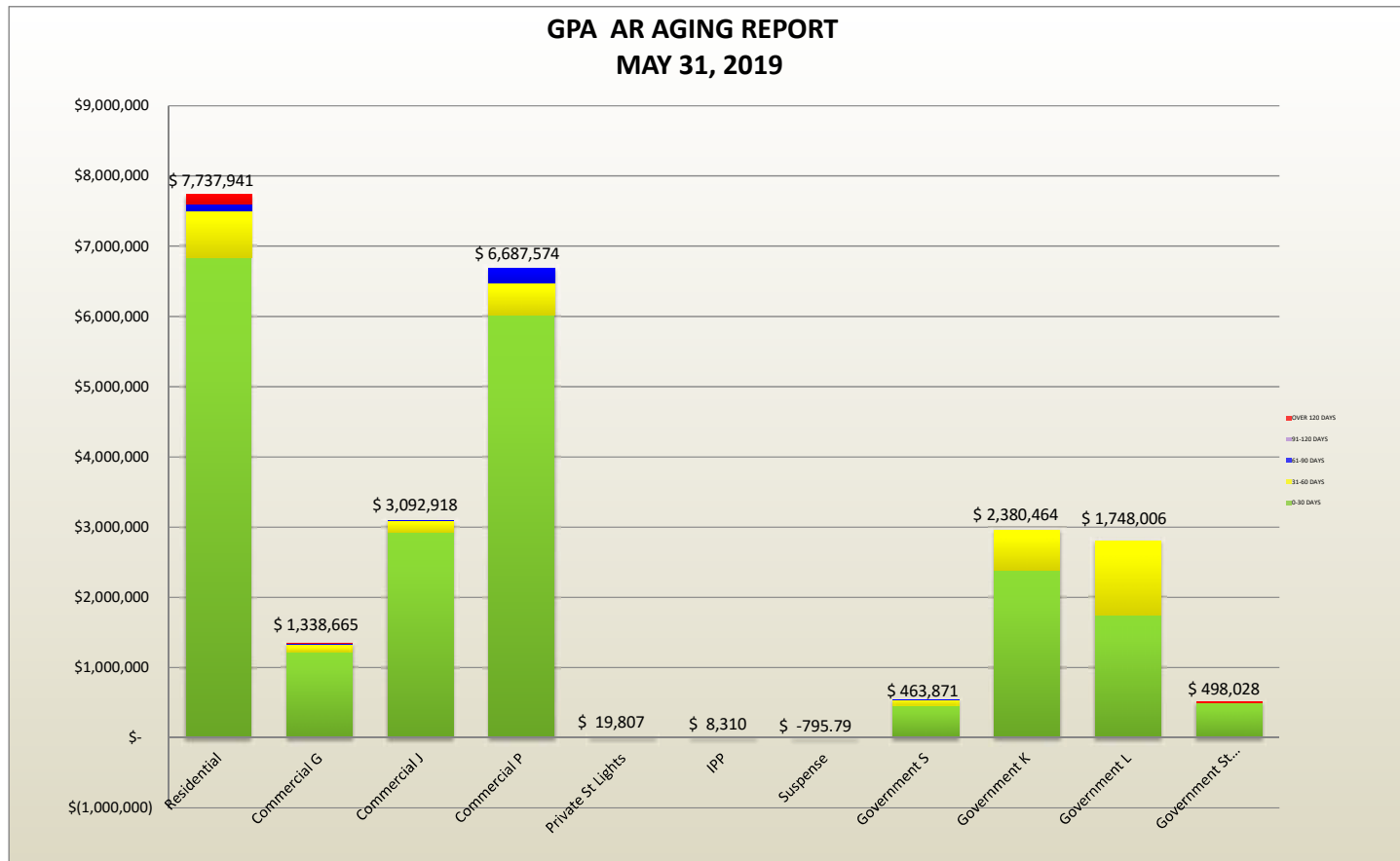


**GPA - Station Usage(MWH) With Renewables
For the Last 5 Years Thru 05.31.19 -Moving 12 Months**



**GPA - Station Usage(MWH) Without Renewables and Aggreko
For the Last 5 Years Thru 05.31.19-Moving 12 Months**





GPA Work Session - July 18 2019 - DIVISION REPORTS

**GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE**

Billing As of 06/30/2019 and Payments as of 07/10/2019

	Current (06/19 Billing due 07/31/19)
	30 days Arrears (5/31/19 due 06/30/19)
	60 days and over Arrears (04/19 billing due 3/31/19)

CC&B ACCT NUMBER	CC&B New Acct Number	DEPARTMENT	BALANCE 05/31/2019	CANCEL/REBILL/ SPEC CHARGE July 10, 2019	BILLING 06/30/2019	PAYMENT July 10, 2019	BALANCE 07/10/2019
Line Agencies							
0237100000	1073430238	Dept. of Corrections	88,255.45		84,268.29	(88,255.45)	84,268.29
0437100000	0040515913	Dept. of Parks & Rec.	22,086.24	143.80	21,648.05		43,878.09
0537100000	0453170939	Guam Fire Department	16,976.45	310.47	16,647.40	(17,030.51)	16,903.81
6995000000	8564647941	DOA Supply Mgmt (NET METERED)	1,339.70		1,676.44	(1,339.70)	1,676.44
7895000000	4211873236	Dept. of Administration	4,636.41		4,426.26	(4,636.41)	4,426.26
1337100000	4554808900	Nieves Flores Library	10,756.29		10,910.32	(10,756.29)	10,910.32
2206200000	9541109130	General Services Agency	270.02		257.29	(270.02)	257.29
2237100000	1621790133	DOA-Data Processing	9,414.97		8,874.99	(9,414.97)	8,874.99
2337100000	1896187753	Dept. of PH&SS	67,263.82	35.30	63,290.21	(67,263.82)	63,325.51
3237100000	7252821074	Dept. of Education	2,421,671.39	17,168.02	949,056.94	(1,191,118.78)	2,196,777.57
3337100000	0266069082	Guam Police Department	56,983.22		50,402.35	(56,983.22)	50,402.35
3569100000	6069461950	Dept of Youth Affairs (Federal)	916.73		768.93	(916.73)	768.93
4437100000	2913461537	Dept. of Youth Affairs (Local)	11,796.77		12,369.74	(11,796.77)	12,369.74
4737100000	3404311949	Guam Environmental Protect	7,244.84	54.33	6,865.53	(7,244.84)	6,919.86
5437100000	3227759982	Mental Health/Subst.	44,352.97	(12.03)	46,028.33	(44,340.94)	46,028.33
7200300000	0070861777	Veteran Affairs	1,174.05	8.81	1,083.52		2,266.38
	6243861917	GUAM VETERAN AFFAIRS OFFICE	-	32.79	2,561.96		2,594.75
7437100000	8300435373	Civil Defense (Military Affairs)	11,863.38	88.98	11,211.03		23,163.39
7463300000	7813165805	Pacific Energy Resource Center	749.83		650.24	(749.83)	650.24
8137100000	1595188609	Dept. of Agriculture	10,672.85		9,925.98	(10,672.85)	9,925.98
8337100000	2535590089	DPW-FAC Adm Account	30,957.44		30,677.38	(30,957.44)	30,677.38
8437100000	7928924534	Guam Visitors Bureau	4,766.43		4,541.76	(4,766.43)	4,541.76
8446300000	7663706771	Yona Senior Citizen Center	1,082.72		1,039.32	(1,082.72)	1,039.32
9437100000	4129948191	Dept of Chamorro Affairs/Chamorro Village	4,441.27	529.72	3,802.79	(4,441.27)	4,332.51
5247210000	5247210000	Mayors Council	3,129.81		8,524.65	(3,129.81)	8,524.65
6293410000	6293410000	Office of the Governor	29,567.43		26,971.54	(29,567.43)	26,971.54
8555858369	8555858369	Dept of Chamorro Affairs (Guam Museum)	24,373.25		23,416.73	(24,373.25)	23,416.73
	1099514147	Dept of Chamorro Affairs/Repository	405.75		292.78	(405.75)	292.78
	3558733700	Dept of Chamorro Affairs/Chamorro Village	-		455.92	-	455.92
		Sub Total	2,887,149.48	18,360.19	1,402,646.67	(1,621,515.23)	2,686,641.11
MAYORS							
0637100000	3832327736	Santa Rita Mayor	3,649.69		3,298.17	(3,649.69)	3,298.17
0737100000	9351070242	Ordof/Chalan Pago Mayor	1,426.35		1,435.46	(1,426.35)	1,435.46
1537100000	6393530237	Hagatna Mayor	2,002.76		1,708.07	(2,002.76)	1,708.07
1637100000	3293808984	Piti Mayor	1,196.70		1,284.24	(1,196.70)	1,284.24
1737100000	8715052935	Mongmong/Toto/Maite Mayor	1,642.72		1,645.25	(1,642.72)	1,645.25
2637100000	0492244686	Asan/Maina/Adelup Mayor	892.57		805.05	(892.57)	805.05
2737100000	8433959204	Sinajana Mayor	4,925.64		5,188.73	(4,925.64)	5,188.73
3637100000	8041715847	Dededo Mayor	7,026.23	33.16	6,689.27	(7,026.23)	6,722.43
4637100000	7037924246	Yigo Mayor	4,716.65		4,804.97	(4,716.65)	4,804.97
5637100000	7202265287	Umatac Mayor	1,491.33		1,412.08	(1,491.33)	1,412.08
6537100000	8472200165	Agana Hts. Mayor	5,148.39		4,046.23	(5,148.39)	4,046.23
6637100000	4469579998	Merizo Mayor	1,480.49		941.50	(1,480.49)	941.50
6737100000	5763167341	Barrigada Mayors Office	2,925.27		2,603.19	(2,925.27)	2,603.19
7537100000	7247791682	Agat Mayor	2,858.84	63.47	2,522.49	(2,858.84)	2,585.96
7637100000	6078244037	Inarajan Mayor	2,786.84		2,609.32	(2,786.84)	2,609.32
8537100000	6957205325	Tamuning Mayor	6,196.18		5,788.96	(6,196.18)	5,788.96
8637100000	1880297633	Talofa Mayor	4,367.92	(1,296.44)	2,745.08	(4,367.92)	1,448.64
9537100000	3631627996	Mangilao Mayor	4,588.28		4,520.24	(4,588.28)	4,520.24
9637100000	1837525565	Yona Mayor	1,692.91		1,565.98	(1,692.91)	1,565.98
		Sub Total	\$ 61,015.76	\$ (1,199.81)	\$ 55,614.28	\$ (61,015.76)	\$ 54,414.47
DPW ACCOUNTS							
4337100000	3045433600	DPW-Village St. Lights	378,048.49		358,016.83	(378,048.49)	358,016.83
5337100000	0930959866	DPW- Primary St. Lights	88,059.85	660.38	83,219.15		171,939.38
6337100000	3088040552	DPW-Sec/Coil St. Lights	26,776.55	200.81	25,348.17		52,325.53
7337100000	0832698062	DPW-Signal Lights	10,421.97		9,606.91	(10,421.97)	9,606.91
		Sub Total	\$ 503,306.86	\$ 861.19	\$ 476,191.06	\$ (388,470.46)	\$ 591,888.65
(B) AUTONOMOUS/PUBLIC CORP							
1437100000	1540692986	Retirement Fund	7,040.45		6,849.67	(7,040.45)	6,849.67
1915500000	0563872892	Guam Housing Corp Rental Division	1,210.45	25.00	1,427.86	(1,210.45)	1,452.86
2437100000	5434075703	University of Guam	195,805.68	30.55	182,018.81	(195,836.23)	182,018.81
4237100000	7736362694	Guam Airport Authority	527,327.23		522,386.12	(527,327.23)	522,386.12
5357510000	5357510000	University of Guam (NET METERED)	83,651.31		77,083.89	(83,651.31)	77,083.89
6237100000	1699407298	G H U R A	15,528.78	8.65	25,780.53	(27,178.99)	14,138.97
6437100000	6518220019	Guam Community College	55,461.60		51,715.08	(55,461.60)	51,715.08
7237100000	8302337726	Guam Memorial Hospital	39,962.78		36,888.87	(39,962.78)	36,888.87
8426836906	8426836906	Guam Memorial Hospital (NET METERED)	146,839.39		140,804.18	(146,839.39)	140,804.18
9137100000	4474308144	Port Authority of Guam	103,779.44		95,255.31	(103,779.44)	95,255.31
9157510000	9157510000	Guam Community College (NET METERED)	39,269.08		35,509.64	(39,269.08)	35,509.64
9173210000	9173210000	Guam Solid Waste Authority	6,713.27		6,437.43	(6,713.27)	6,437.43
9337100000	0838495949	Guam Waterworks Authority	1,371,929.73	25.00	1,236,235.86	(1,372,147.86)	1,236,042.73
8237100000	4075914809	GPA	-		101,735.51	(101,735.51)	-
		Sub Total	\$ 2,594,519.19	\$ 89.20	\$ 2,520,128.76	\$ (2,708,153.59)	\$ 2,406,583.56
(C) OTHERS							
0337100000	7541928173	Guam Legislature	545.55	(4.46)	520.30	(545.55)	515.84
9503154359	9503154359	Guam Legislature (NET METERED)	8,551.36		8,187.21	(8,551.36)	8,187.21
1237100000	8353274954	Superior Court of Guam	67,681.43		64,211.36	(67,681.43)	64,211.36
2537100000	8108458168	Guam Post Office (Agana)	6,574.48		6,444.70	(6,574.48)	6,444.70
2570200000	8972267005	Customs & Quarantine Agency	724.90	5.44	729.04	(724.90)	734.48
3537100000	4530787043	U.S. Post Office	39,635.91		39,129.15	(39,635.91)	39,129.15
5537100000	8607446612	Dept. of Military Affairs	81,420.78	610.66	79,301.90	(81,420.78)	79,912.56
3209463043	3209463043	Dept. of Military Affairs (NET METERED)	16,508.55	123.81	15,353.79	(16,508.55)	15,477.60
5737100000	6000770566	KGTF	7,388.06	55.41	7,104.12	(7,388.06)	7,159.53
7281000000	6602566745	Tamuning Post Office	5,344.37		5,169.39	(5,344.37)	5,169.39
		Sub Total	\$ 234,375.39	\$ 790.86	\$ 226,150.96	\$ (234,375.39)	\$ 226,941.82
GRAND TOTAL			\$ 6,280,366.68	\$ 18,901.63	\$ 4,680,731.73	\$ (5,013,530.43)	\$ 5,966,469.61