



**CONSOLIDATED COMMISSION ON UTILITIES**

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

**GUAM POWER AUTHORITY WORK SESSION**

*CCU Conference Room*

*4:30 p.m., Thursday, October 18, 2018*

**AGENDA**

1. ISSUES FOR DECISION
  - 1.1 Authorizing Funds for the DSM Rebate Program / Resolution 2018-23
  - 1.2 Upgrade JDE One World to Enterprise One (E1) / Resolution 2018- 2 4
  - 1.3 EPCM Contract Increase / Resolution 2018-25
  - 1.4 Authorizing Purchase of Three Bucket Trucks / Resolution 2018- 2 6
2. GM REPORT
  - 2.1 GM Summary
3. ISSUES FOR DISCUSSION
4. DIVISION REPORTS
  - 4.1 Administration: Customer Service, HR, Procurement, Safety
  - 4.2 Engineering & Technical: Engineering, IT, Planning & Regulatory, SPORD
  - 4.3 Finance Reports
  - 4.4 Operations: Facilities, Generation, PSCC, T&D, Transportation
  - 4.5 Public Information Office
5. ANNOUNCEMENTS
  - 5.1 Next Meeting: CCU Meeting – October 19, 2018
6. ADJOURNMENT



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

## **Issues for Decision**

**Resolution No. 2018-23:**

### **Relative to Approving GPA's Recommendation for DSM Program funding under LEAC Recommendation**

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

**This resolution seeks approval to fund the DSM Program under LEAC for the following reasons:**

- The DSM Program is experiencing exponential growth. Although perhaps not truly unexpected, this DSM Program exponential growth is volatile: subject or characterized by rapid change. The LEAC decoupling from base rates addresses expenses like fuel that have a volatile nature.
- DSM rebate expenses may likely double every year and would soon place pressure on GPA base rate funding affecting GPA Debt Service Coverage requirements. At that point, GPA would have to curtail the growth of the DSM rebate program. This curtailment would not comport with CCU and PUC policy and their mutual desire to reduce customer energy consumption, demand, and cost.
- Like renewable energy, a major rationale behind DSM is predicated on the avoidance of fuel costs and the need for capacity additions. Furthermore, unlike renewable energy without energy storage, DSM provides reductions to future power system capacity expansion costs.
- The PUC has allowed GPA to recover its Utility Scale Renewable Energy Program costs under the LEAC; and therefore, may use this precedent to treat DSM Program Expenses in a similar fashion.

**Where is the location?**

**Territory of Guam**

**How much will it cost?**

**PUC approval of GPA's recommendation results in DSM expenses being revenue neutral.**

**When will it be completed?**

**Upon approval of the Guam Public Utilities Commission**

**What is its funding source?**

**The Levelized Energy Adjustment Clause**



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**RESOLUTION NO. 2018-23**

**AUTHORIZING MANAGEMENT OF THE GUAM POWER AUTHORITY (GPA) TO FILE RECOMMENDATIONS  
FOR PLACING THE DEMAND-SIDE MANAGEMENT (DSM) PROGRAM EXPENSES UNDER LEAC**

**WHEREAS**, the Guam Public Utilities Commission (PUC) established GPA Docket 13-14 in August 2013; and

**WHEREAS**, the PUC ordered (July 31, 2014) the ALJ to conduct proceedings and work collaboratively with GPA to develop the GPA Demand-Side Management (DSM) program; and

**WHEREAS**, on February 26, 2015, the PUC approved GPA's plan to implement certain DSM programs, including Central AC, Ductless AC, Washer, and Dryer; and

**WHEREAS**, in its Order dated October 27, 2015, the PUC authorized GPA to utilize the sum of \$1,806,014 from the Working Capital Fund ["WCF"] to pay for certain expenses of GPA's Demand Side Management (DSM) Program; and

**WHEREAS**, PUC ordered the funds withdrawn from the WCF be placed in a separate GPA fund known as the "Energy Sense" Fund that would only be used to pay for approved DSM program expenses; and

**WHEREAS**, furthermore the Guam Public Utilities Commission (PUC) ordered (May 25, 2017): "GPA and the ALJ are instructed to continue to discuss proposals for the long-term funding of DSM Programs and to develop a plan for such funding."; and

**WHEREAS**, in June of 2015, GPA Consultant Leidos submitted its Final Report to GPA concerning GPA's Energy Sense Program Plan; Leidos proposed an additional 18 programs that GPA could consider as DSM initiatives; and

31           **WHEREAS**, the Parties, GPA and the ALJ, have determined that it was perhaps too ambitious to  
32 adopt all 18 DSM proposals at the present time, particularly as a long-term funding source has not yet  
33 been identified; and

34  
35           **WHEREAS**, however, both GPA and the ALJ have agreed upon ten new DSM initiatives to be  
36 implemented; and

37  
38           **WHEREAS**, under GPA Docket 18-11, the PUC approved GPA's request balance of the Bond  
39 Refinancing Savings through 2021 to fund the GPA Demand Side Management (DSM) rebate program in  
40 the amount of \$1,139,189 (\$379,729.67 annually); and

41  
42           **WHEREAS**, **Exhibit A** showed DSM Program expenses since FY 2016 is showing experiencing  
43 exponential growth year over year; and

44  
45           **WHEREAS**, DSM Program forecasted growth places pressure on GPA base rate funding and  
46 would impact GPA Debt Service Coverage requirements; and

47  
48           **WHEREAS**, GPA has budgeted \$400,000 for DSM Program expenses for FY 2019 and may likely  
49 have to cap DSM expenses to this amount putting a halt to the program; and

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51           **WHEREAS**, DSM Program exponential growth is volatile: subject or characterized by rapid  
52 change.

53  
54           **WHEREAS**, the Levelized Energy Adjustment Clause (LEAC) decouples expenses like fuel that  
55 have a volatile nature from base rates; and

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57           **WHEREAS**, similar to renewable energy, a major rationale behind the DSM Program is  
58 predicated on the avoidance of fuel costs; and

59  
60           **WHEREAS**, unlike renewable energy without energy storage, the DSM Program provides  
61 reductions to future power system capacity expansion; and

63           **WHEREAS**, the PUC has allowed GPA to recover its Utility Scale Renewable Energy Program costs  
64 under the LEAC; and

65

66           **WHEREAS**, to date, annual energy savings from the program is approximately 3,227 MWh and  
67 \$514,470 in annual fuel expenses; and

68

69           **WHEREAS**, to date, demand savings from the program is approximately 0.49 MW and \$884,110  
70 in avoided generation capacity costs; and

71

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

74

75           1.       The General Manager is authorized to file its DSM Program Funding Recommendations  
76 which places DSM funding under LEAC to the Guam Public Utilities Commission.

77           2.       The General Manager is authorized to conduct an information campaign supporting  
78 these recommendations.

79

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

82

83           **DULY and REGULARY ADOPTED this 19<sup>th</sup> day of October 2018.**

84

**Certified by:**

**Attested by:**

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

\_\_\_\_\_  
**J. GEORGE BAMBA**  
**SECRETARY**

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**SECRETARY'S CERTIFICATE**

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

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

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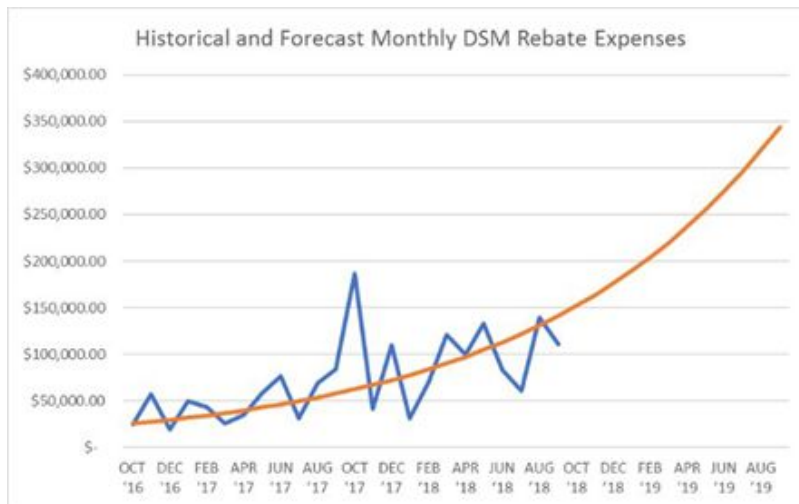
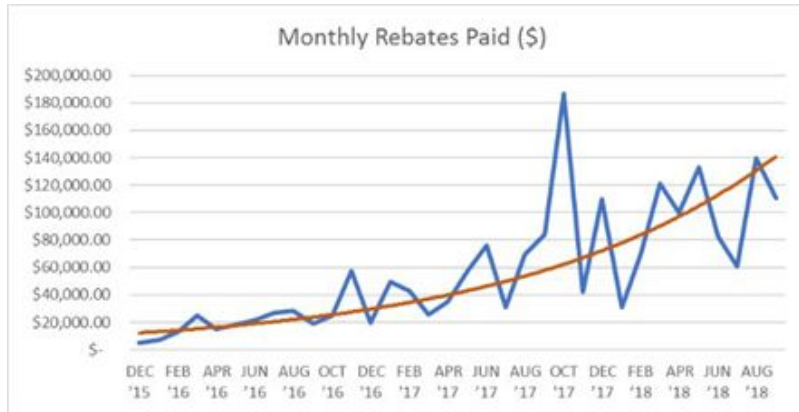
Absent: \_\_\_\_\_

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

107 **Exhibit A: DSM Historical and Forecast Expenses**



- DSM Expenses is growing exponentially
- Growth Rate will make it very difficult to fund out of base rates
- GPA may have to cap program

Figure A-1. Historical and Forecast Monthly DSM Rebate Expenses

Table A-1. Historical and Forecast DSM Rebate Expenses

Annual DSM Program Rebate Expenses		
Fiscal Year	Historical	Forecast
2016	\$ 160,900.00	\$ 173,585.01
2017	\$ 572,900.00	\$ 476,419.20
2018	\$ 1,187,325.00	\$ 1,162,000.23
2019	\$ -	\$ 2,834,152.23
2020	\$ -	\$ 6,912,579.42

Table A-2. Historical DSM Annual Expenses

Description	FY16	FY17	FY18 as of 9/30/2018*	Total to Date
Regular/OT Pay	\$ 11,348.80	\$ 22,256.00	\$ 20,469.95	\$ 54,074.75
Other Contractual	\$ 28,278.50	\$ 85,550.05	\$ 99,622.25	\$ 213,450.80
Paid Rebates-Split AC	\$ 154,700.00	\$ 557,275.00	\$ 1,141,925.00	\$ 1,853,900.00
Paid Rebates- Central AC	\$ 3,400.00	\$ 8,200.00	\$ 4,400.00	\$ 16,000.00
Paid Rebates-Washer/Dryer	\$ 2,800.00	\$ 7,425.00	\$ 41,000.00	\$ 51,225.00
<b>Total Expenses</b>	<b>\$200,527.30</b>	<b>\$680,706.05</b>	<b>\$1,307,417.20</b>	<b>\$2,188,650.55</b>
Bank Interest (+)	\$ 1,676.42	\$ 1,722.74	\$ 1,222.29	\$ 4,621.45
Bank Fees	\$ 155.00	\$ 1,032.06	\$ 1,085.08	\$ 2,272.14
Ending Balance				\$ 758,901.76



Table A-3. DSM Savings

Prior Billing History Class	Number of Customers	Average Aggregate Daily MWH Savings	Average Aggregate Annual MWH Savings	Average Aggregate Daily Demand Savings (MW)	Fuel Savings (\$/Year)	Demand Savings (\$)
At Least One-Year	2,429	(3.82)	(1,395.75)	(0.21)	\$ 222,519.28	\$ 382,396.41
At Least 6-Months but Less than 1-Year	606	(2.54)	(928.04)	(0.14)	\$ 147,953.77	\$ 254,256.59
At Least 1-Quarter but Less than 6-Months	118	(0.69)	(250.93)	(0.04)	\$ 40,005.52	\$ 68,748.95
Less than 1-Quarter	320	(1.79)	(652.29)	(0.10)	\$ 103,991.66	\$ 178,708.28
<b>Total</b>	<b>3,473</b>	<b>(8.84)</b>	<b>(3,227.00)</b>	<b>(0.49)</b>	<b>\$ 514,470.23</b>	<b>\$ 884,110.23</b>

**Annual DSM Program Expenses**

<b>Fiscal Year</b>	<b>Historical</b>	<b>Forecast</b>
2016	\$ 178,595.00	\$ 173,585.01
2017	\$ 573,825.00	\$ 476,419.20
2018	\$ 1,187,325.00	\$ 1,162,000.23
2019	\$ -	\$ 2,834,152.23
2020	\$ -	\$ 6,912,579.42

Prior Billing History Class	Number of Customers	Average Aggregate Daily MWH Savings	Average Aggregate Annual MWH Savings	Average Aggregate Daily Demand Savings (MW)	Fuel Savings (\$/Year)	Demand Savings (\$)
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<b>Total</b>	<b>3,473</b>	<b>(8.84)</b>	<b>(3,227.00)</b>	<b>(0.49)</b>	<b>\$ 514,470.23</b>	<b>\$ 884,110.23</b>

Prior Billing History Class	Number of Customers	Energy Sense Equipment Consumption (MWH/day)	Standard Market Equipment Efficiency (MWH/day)	Daily MWH Savings	Energy Sense Equipment Peak Demand	Standard Equipment Peak Demand	Demand Savings (MW)
At Least 6-Months but Less than 1-Year	606	7.08	9.62	(2.54)	0.39	0.53	(0.14)
At Least 1-Quarter but Less than 6-Months	118	1.59	2.28	(0.69)	0.09	0.13	(0.04)
Less than 1-Quarter	320	4.43	6.21	(1.79)	0.25	0.35	(0.10)
<b>Total</b>	<b>1,044</b>	<b>13.10</b>	<b>18.11</b>	<b>(5.02)</b>	<b>0.73</b>	<b>1.01</b>	<b>(0.28)</b>

Load_Factor	0.75
On Peak Fuel Cost (\$/MWH) @ Piti 7	\$ 180.56
Off Peak Fuel Cost (\$/MWH)	\$ 155.20
New Generation Cost (\$/MW)	\$ 1,800,000.00



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## **Issues for Decision**

### **Resolution No. 2018 - 24:**

#### **RELATIVE TO AUTHORIZING GUAM POWER AUTHORITY TO UPGRADE FROM ENTERPRISE RESOURCE PLANNING (ERP) SOFTWARE JDE ONE WORLD TO ENTERPRISE ONE (E1)**

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

GPA purchased Enterprise Resource Planning (ERP) software from JDEdwards World Solution company in the late 1990 and the contract included a license for an upgrade to the software. Oracle Corporation has purchased JDEdwards contracts including GPA. Oracle Corporation developed Enterprise One (E1) and agreed to recognize GPA license right to E1 software package. Oracle Corporation has disclosed its intention to discontinue support of JDE One World software in 2022. GPA has determined that upgrading to E1 will improve the system's functionality, ease of use by user, and greater reporting capability and that the Authority should move to E1 software offered by Oracle.

GPA also intends to move forward to purchase and support of E1 ERP system and modules currently not covered by GPA's license to improve the functionality and replace other existing software. GPA is requesting authorization for expenditure to purchase additional licenses, support, and professional services from Oracle Corporation and DXC.

##### **Where is the location? [Fadian Data Center](#)**

##### **How much will it cost? [Approximately \\$1.2M](#)**

##### **When will it be completed? [Estimate Completion Date August 2019](#)**

##### **What is its funding source? [Revenue Funds](#)**



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**RESOLUTION NO. 2018 - 24**

**RELATIVE TO AUTHORIZING GUAM POWER AUTHORITY TO UPGRADE FROM ENTERPRISE RESOURCE PLANNING (ERP) SOFTWARE JDE ONE WORLD TO ENTERPRISE ONE (E1).**

**WHEREAS**, the Guam Power Authority (GPA) is a Public Corporation of the Government of Guam and is subject to the oversight of the Consolidated Commission on Utilities (CCU); and

**WHEREAS**, GPA purchased Enterprise Resource Planning (ERP) software from JDEdwards World Solution company in the late 1990 and the contract included a license for an upgrade to the software; and

**WHEREAS**, Oracle Corporation has purchased JDEdwards contracts including GPA; and

**WHEREAS**, Oracle Corporation developed Enterprise One (E1) and agreed to recognize GPA license right to E1 software package; and

**WHEREAS**, Oracle Corporation has disclosed its intention to discontinue support of JDE One World software in 2022; and

**WHEREAS**, GPA has determined that upgrading to E1 will improve the system's functionality, ease of use by user, and greater reporting capability and that the Authority should move to E1 software offered by Oracle; and

**WHEREAS**, GPA also intends to move forward to purchase and support of E1 ERP system and modules currently not covered by GPA's license to improve the functionality and replace other existing software; and

1  
2       **WHEREAS**, GPA is requesting authorization for expenditure to purchase additional  
3 licenses, support, and professional services from Oracle Corporation and DXC; and  
4

5       **WHEREAS**, GPA is anticipating the cost of the implementation of the upgrade and  
6 licenses at a total cost of \$1.2 million.; and  
7

8  
9       **NOW, THEREFORE BE IT RESOLVED**, by the Consolidated Commission on Utilities  
10 as follows:  
11

- 12       1.     The General Manager of the Guam Power Authority is authorized the expenditure of \$1.2  
13 million for the professional services to upgrade ERP system JDE One World to Enterprise  
14 One (E1), and purchase additional license and modules not currently covered under the  
15 licenses owned by GPA.  
16

17  
18       **RESOLVED**, that the Chairman certifies and the Board Secretary attests to the adoption  
19 of this Resolution.  
20

21       **DULY AND REGULARLY ADOPTED AND APPROVED THIS 19<sup>TH</sup> DAY OF**  
22 **OCTOBER 2018**  
23

24 Certified by:

Attested by:

25  
26  
27 \_\_\_\_\_  
28 **JOSEPH T. DUENAS**

\_\_\_\_\_

29 Chairperson

Secretary

30 Consolidated Commission on Utilities

Consolidated Commission on Utilities

SECRETARY'S CERTIFICATE

I, **J. George Bamba**, Board Secretary of the Consolidated Commission on Utilities (CCU), as evidenced by my signature above, do hereby certify as follows: The foregoing is a full, true and correct copy of the resolution duly adopted at a regular meeting by the members of the Guam CCU, duly and legally held at a place properly noticed and advertised at which meeting a quorum was present and the members who were present voted as follows:

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

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

Abstentions: \_\_\_\_\_

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



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## Issues for Decision

### Resolution No. 2018-25:

### **RELATIVE TO AUTHORIZATION OF CONTRACT INCREASE FOR ENGINEERING, PROCUREMENT, AND CONSTRUCTION MANAGEMENT THRU 2022**

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

Stanley Consultants was contracted in March 2017 through GPA RFP-17-001 as the Engineering, Procurement and Construction Management (EPCM) Contractor for the New 120-180 MW Power Plant in March 2017. As the EPCM, Stanley is providing the technical and contractual support in the new IPP procurement and will be GPA Owner's Engineer during construction and commissioning. The increase in contract cost is projected to cover services through plant commissioning in 2022.

#### **Where is the location?**

The new power plant proposed siting is adjacent to the Harmon Substation.

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

GPA is requesting a \$2.6M increase for technical services to develop procurement documents and support procurement activities. The total costs are within 1-3% of projected new power plant construction costs and is within typical percentages for this size of a project as shown in table below:

New Plant Costs (\$M)	EPCM Cost % of Total New Plant Costs
\$200	2.0%
\$250	1.6%
\$300	1.3%
\$350	1.1%
\$400	1.0%

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

GPA has projected initial commissioning of the new power plant for late 2021 and full commissioning by 2022.

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

Cabras 3&4 Insurance Proceeds and 2014 Bond Funds – LNG Initial Startup





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**RESOLUTION NO. 2018-25**

**RELATIVE TO AUTHORIZATION OF CONTRACT INCREASE FOR  
ENGINEERING, PROCUREMENT, AND CONSTRUCTION MANAGEMENT  
THRU 2022**

**WHEREAS**, Stanley Consultants was selected through GPA RFP-17-001 as the Engineering, Procurement and Construction Management (EPCM) Contractor for the New 120-180 MW Power Plant in March 2017; and

**WHEREAS**, in October 2016 the PUC Docket 17-06<sup>1</sup> approved the initial funding of \$750,000 for the procurement development of the new power plant from 2014 Bond Funds – LNG Startup Bond Project; and

**WHEREAS**, in March 2018 the PUC Docket 18-09<sup>2</sup> approved an increase of \$600,000 to the contract to complete procurement document development and solicitation support as well as to initiate land studies of the Ukudu site for bid documents; and

**WHEREAS**, since March, GPA and Stanley developed a projected budget to complete procurement support and to provide owner's engineer support during construction and commissioning thru 2022 totaling approximately \$2.6 M (See Attachment A); and

**WHEREAS**, the total projected cost for the EPCM is within a reasonable percentage (1%-3%) of the total new power plant cost expected in developing and commissioning a new power plant; and

**WHEREAS**, GPA has identified the Cabras 3&4 Insurance Proceeds to be the funding source for projected Stanley Consultants costs contract thru 2022; and

**WHEREAS**, the increased contract cost exceeds the GPA General Manager's approval authority.

<sup>1</sup> CCU Resolution No. 2015-21, Relative to Approval of Consulting Services for USEPA Compliance Plan, approved on March 24, 2015.

<sup>2</sup> CCU Resolution No. 2018-05, Relative to Authorization of Increase for Engineering, Procurement, and Construction Management Contract Amount, approved on March 29, 2018.

RESOLUTION NO: 2018-25

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

- 1.** The CCU authorizes GPA to increase the Stanley EPCM contract by \$2.6M for consulting and technical services through September 2022 to be funded through the Cabras 3&4 Insurance Proceeds for a contract total of \$3.95M.
- 2.** The CCU authorizes the GPA General Manager to petition the PUC for approval to increase the Stanley EPCM contract by an additional \$2.6M for a contract total of \$3.95M for services through September 2022 funded the Cabras 3&4 Insurance Proceeds

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

**DULY AND REGULARLY ADOPTED AND APPROVED THIS 19<sup>th</sup> DAY OF  
OCTOBER 2018.**

Certified by:

Attested by:

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

\_\_\_\_\_  
**J. GEORGE BAMBA**  
SECRETARY

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

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

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

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

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

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

RESOLUTION NO: 2018-25

**ATTACHMENT A:**

**Engineering, Procurement and Construction Management Contract Budget thru 2022  
Stanley Consultants**



**STANLEYCONSULTANTS, Inc**

8000 South Chester Street › Suite 500 › Centennial, CO 80112  
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October 14, 2018

**Scope of Work for Budget Forecast  
GPA EPCM – New Generation Project  
May 29, 2018**

This defines the scope of work including deliverables for the full project for GPA EPCM New Generation project through March 2022 full commercial operation, assuming no significant changes are made in the defined scope or schedule.

**Activity 3.6: Procurement Process Support –**

The Stanley Team will support GPA in communicating with the vendor, evaluating bids, and provide GPA with a recommendation for award. The Stanley Team expects the procurement process to include two stages: a) prequalification to shortlist the qualified IPP proponents and b) competitive bidding between the shortlisted IPP proponents. Based on this approach, the Stanley Team activities for procurement process support will include:

- Assist GPA with remaining IPP proponent tender evaluation and recommendation  
The Stanley Team will assist GPA during the Envelope 1 proposal opening ceremony and Envelope 1 proposal evaluation. After the bidders are notified about the Envelope 1 proposal evaluation results and their status (Envelope 2 will only be opened for the bidders whose Envelope 1 proposal is evaluated to be a responsive proposal), assist GPA during the Envelope 2 proposal opening and evaluation.
- Assist GPA during contract negotiations with selected IPP proponent (2019)  
The Stanley Team will assist GPA during the negotiations covering technical and commercial issues. Legal issues are expected to be covered by GPA and their legal advisor. Our budget assumes three rounds of negotiations which each round being 3 days. After each round, the Stanley Team will provide inputs to the minutes of meetings and updated drafts of the Project Agreements. It is expected that redrafting of the Project Agreements will be done by GPA legal advisor.

**Deliverables:**

Responses to proponent questions  
Tender clarifications reviews and comments  
Tender bid evaluations and recommendation (2019)  
Staff presence during contract negotiations, contract review and recommendations as required to support GPA (2019)


**STANLEYCONSULTANTS, Inc**

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## **SUBTASK 4 PROJECT MONITORING AND CONTROLLING**

### **Activity 4.1 Project Management of the EPCM Contract**

This activity is listed under this subtask and will be occurring throughout the entire project. The project manager with project controls personnel will provide continuous monitoring of project progress, quality, scope, budget, and risk. The project manager will be responsible for taking remedial action when necessary to correct any problems with these items. The project manager will be responsible for submitting to GPA periodic project status reports, a comprehensive monthly project progress report, and an updated project schedule. The project manager will monitor the project for any scope changes and keep GPA informed whenever a scope change occurs so that the issue can be resolved quickly. The project manager will be responsible for monitoring and controlling the project planned budget versus actual cost. The project manager will coordinate with sub-contractors to assure they provide the work product that meets GPA requirements. The project manager will also be responsible for submitting monthly invoices for the EPCM team to GPA and responding to any questions GPA may have regarding invoices. Project risk will be monitored and the project manager will maintain the project risk register and update it regularly as the project proceeds.

**Deliverables:** Monthly project reports, monthly schedule updates, monthly budget forecasts, as scheduled conference calls and meeting minutes

## **SUBTASK 6 PROJECT SUPPORT**

### **Activity 6.1 IPP Contract Execution**

The Stanley Consultants Team will identify the deliverables to be developed and submitted to GPA for each of the activities below and develop a schedule for such deliverables. The schedule will be further reviewed and finalized after selection of the preferred IPP proponent.

- Identify post award proponent deliverables and deliverable schedule  
 The post-award activities of the selected IPP proponent are expected to include:
  - Completion of negotiations with GPA
  - Signing the Contracts
  - Financial close
  - Project construction up to commercial operation date
  - Operating period during the term

**Deliverables:** List of deliverables with estimated schedule

### **Activity 6.2 Owner's Engineering Services for GPA in Support of the IPP New Generation Construction Phase**

The Stanley Consultants Team will provide engineering services to GPA for the IPP New Generation.



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The support will include: Owners Representative services, design review of proposer's submitted documents, verification of compliance with technical specifications and response to technical questions and requests for information.

**Deliverables:** Owner's Representative services, design review and comments, technical specification compliance verification, response to technical questions, RFI responses

#### **Activity 6.2.1 Commercial and Contractual Support**

The Stanley Consultants Team, primarily K&M Advisors, will provide commercial and contractual support to GPA for the IPP New Generation. The support will include review and comments on proposed commercial

**Deliverables:** Responses to Commercial and Contractual Requests for Information (RFI) and questions, RFI log

#### **Activity 6.3 Construction Services for IPP New Generation**

The Stanley Consultants Team will provide services in support of the IPP New Generation construction. Services will be office based before construction mobilization; then site and office based following mobilization.

The Team will provide:

- Technical review and comment on submitted IPP Construction documents.
- Participate in factory acceptance tests where agreed upon.
- Monitor IPP construction progress.
- Provide commissioning and startup support – review of IPP proposed processes.

Construction mobilization is planned for April 2020. This includes partial time on site technical support.

**Deliverables:** Construction site part time technical support. Technical review and comments on construction documents.



**STANLEYCONSULTANTS, Inc**

8000 South Chester Street › Suite 500 › Centennial, CO 80112  
303.799.6806 › [stanleyconsultants.com](http://stanleyconsultants.com)

#### **Activity 6.4 Regulatory Support**

The Stanley Consultants Team will support GPA to provide expert testimony to PUC, the Legislature, and the CCU.

**Deliverables:** Testimony support, preparation of talking papers or resource documentation (as appropriate and as requested by GPA).

#### **Activity 6.5 Rate Impact**

The Stanley Consultants Team will provide estimated rate impacts for the selected IPP proponent proposed plant.

**Deliverables:** Estimated rate impact study

GPA Work Session - October 18, 2018 - ISSUES FOR DECISION

29-May-18	GPA EPCM New Generation Full Project Budget Estimate					
	Task	Description	2019	2020	2021	2022
<b>Subtask</b>	<b>Subtask 3 - Project Execution</b>					
Activity 3.5	Procurement IFB Document Support	Incorporate review comments and develop final IFB document package for issue for bid				
3.6	IPP Procurement Support	IFB evaluations and negotiations support	\$ 127,500			
<b>Subtask</b>	<b>Subtask 4 - Project Monitoring &amp; Controlling</b>					
Activity 4.1	Support for GPA Oversight of IPP Project	Project management and administrative support	\$ 224,000	\$ 232,960	\$ 242,278	\$ 56,000
<b>Subtask</b>	<b>Subtask 6 - Project Support</b>					
Activity 6.1	IPP Contract Execution	This includes support after ECA signing up to financial close	\$ 50,400			
Activity 6.2.1	Owner's Engineer Services	Owner's engineers services including design review of proposer's submitted documents. Verify compliance with technical specifications. Responding to technical questions. This includes advising on technical issues impacting commercial provisions	\$ 134,250	\$ 276,546	\$ 265,910	\$ 69,140
Activity 6.3	Construction Services for IPP New Generation	Field support - office and on site after construction mobilization	\$ 12,500	\$ 36,100	\$ 264,000	\$ 107,700
Activity 6.4	Regulatory Support	This includes regulatory support through financial close	\$ 53,200	\$ 55,328	\$ 57,541	\$ 21,500
Activity 6.5	Rate Impact	This includes preparation of the rate impact study inputs after award, but prior to signing the ECA. Supports PUC order requiring a rate study be done.	\$ 32,500			
	Sub Total		\$ 706,390	\$ 708,834	\$ 715,490	\$ 188,640
	Expenses		\$ 24,760	\$ 33,600	\$ 47,040	\$ 32,600
	GRT 5.0% --reserve the right to increase it and also add a sale tax when Guam's law allows it.		\$ 36,557.50	\$ 37,121.70	\$ 38,126.48	\$ 11,062.00
	Total		\$ 767,708	\$ 779,556	\$ 800,656	\$ 232,302
	Total estimated expenses remaining 2019 through 2022	\$ 2,580,221				
	Spent through April 2018	\$ 749,927				
	2018 PUC Approved	\$ 600,000				
	Project total for EPCM and Construction Services	\$ 3,930,148				





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October 17, 2018

The scope of work and costs for Owner's Representative services often does not directly depend on the project cost and may be a similar cost for large and small projects.

Owner's Representation services can be divided into pre-financial close scope (referred to herein as "Transaction Advisory") and post-financial close scope (referred to herein as "Owners Engineer").

Transaction Advisors services stop at financial close, and are typically around 0.5% of total project cost. With Transaction Advisors services, the IPP developer would hire their Owner's Engineer to assist them with selection of an EPC Contactor, design review, and construction oversight, and lenders would hire their Lenders' Engineer to assist the lenders in overseeing the project. The total cost for Owner's Engineer services including selection of the EPC Contactor, design review, and construction oversight can range from \$4 to \$6 million depending on the project schedule and duration that the field engineering team is at the site.

The percentage of total cost for Owner's Engineer services on a power plant project can range from 1% to 4% of total project costs depending on the scope and level of services to be provided. Total project costs are defined as: pre-bid services, bid phase, award, design and engineering, procurement, construction field services, start-up and commissioning and permitting support.

The scope of services provided by an Owner's Engineer include preparational work (site and plant configuration selection, initial due diligence), preparation of the contract documents, organizing competitive bidding, bid evaluation, assisting during negotiations of project agreements, assistance with responses to lenders' questions, design review, monitoring specification compliance, construction field support, schedule compliance monitoring, quality control record review, commissioning and start up support, performance testing support, certification of invoices for payment and other services as requested.

These factors may increase the Owner's Engineer costs for the GPA project:

1. GPA would like to be involved in design review and oversight of construction. The level of involvement could be limited, but still GPA may want to make sure that the requirements of the functional specification are met.
2. The GPA project includes off-site facilities (such as fuel pipelines and electrical interconnection facilities).
3. The GPA project is complicated by provisions for future LNG supply and additional analysis of system stability associated with operating isolated power system on an island.
4. GPA project is complicated by increased penetration of renewables, that requires additional analysis of the IPP dispatch to be specified in the IFB, as the dispatch used for evaluation will drive technology selection.

The projects that may be closest in scope to the GPA project are the Project A Reciprocating Engines Project 170 MW and the Project J 1292 MW Oil-fired Steam Cycle. These projects included most of the items 1-4 mentioned above as well as additional client requested engineering services.



GPA  
October 17, 2018

The table below shows several project's Owner's Engineer's (OE) costs and Transaction Advisor's (TA) cost as a percent of total project costs.

Plant	Location	Plant Total Cost	Type of Fee	Fee	%
Project A Reciprocating Engines 170 MW Project	US	\$ 305,000,000	OE	\$ 5,317,000	1.74%
Project B Coal Fired 800 MW Project	International Island	\$2,500,000,000	OE	\$ 30,900,000	1.24%
Project C 360 MW Combined Cycle	International Island	\$ 280,000,000	OE	\$ 11,188,012	4.00%
Project D 660 MW Coal Fired Unit	US	\$ 650,000,000	TA	\$ 2,819,385	0.43%
Project E 140 MW Geothermal	International	\$ 650,000,000	TA	\$ 2,856,700	0.44%
Project F 250 MW Combined Cycle	International	\$ 315,000,000	TA	\$ 1,604,750	0.51%
Project G 370 MW Combined Cycle	International	\$ 293,000,000	TA	\$ 1,623,900	0.55%
Project H 715 MW Combined Cycle	International	\$ 400,000,000	TA	\$ 1,863,000	0.47%
Project I 90 MW Simple Cycle	International	\$ 65,000,000	OE	\$ 1,675,000	2.58%
Project J 1300 MW Oil-fired Steam Cycle	International	\$1,800,000,000	TA	\$ 10,950,000	0.61%

The GPA Owner's Engineering services cost will likely be from \$4,000,000 to \$6,000,000 depending on the services requested with the current estimated total costs for the GPA project at \$300,000,000 to \$400,000,000.



## GUAM POWER AUTHORITY

ATURIDAT ILEKTRESEDAT GUAHAN  
P O BOX 2977, AGANA, GUAM 96932-2977

### Issues for Decision

#### Resolution No. 2018-26:

##### Relative to:

Authorizing the Guam Power Authority to purchase three bucket trucks to replace existing bucket trucks pending salvage

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

The objective of the purchase is to maintain efficiency by replacing aged bucket trucks and to provide reliable equipment to allow line crews to conduct repairs and maintenance on the transmission and distribution system in an efficient and cost effective manner. Unreliable equipment translates to extended outages and longer response times.

Official #	Equipment Number	Year	Replacement Age	Type	Make/Model	Vin/Serial Number
4661	132652	1995	23	Bucket Truck	INTERNATIONAL, 4700	1HTSCABP8SH625205
5058	132601	1998	20	Bucket Truck	IHC, 4700 MAT'L HANDLR,42'	1HTSCABN2WH519157
4577	2713119	2006	15	Flatbed	INTERNATIONAL 4x2/65	1HTMKAAN07H395047

##### Where is it at?

Bucket trucks will service the transmission and distribution system island wide.

##### How much will it cost?

Item	Vendor	Qty.	Unit Cost	Extended Cost
55' Bucket Truck	Morrico Equipment	3	\$257,299.00	\$771,897.00

##### When will it be completed?

Delivery is set at 360 days after Notice to Proceed

##### What is its funding source?

FY19 General Plant Capital Improvement Project Budget as approved by the CCU and PUC

##### The RFP/BID responses:

Two bids were received

1. Morrico Equipment
2. Mid-Pac Far East



## CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority

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

### Resolution No. 2018-26

#### **AUTHORIZING THE GUAM POWER AUTHORITY TO PROCEED WITH THE PURCHASE OF BUCKET TRUCKS TO REPLACE EXISTING BUCKET TRUCKS PENDING SALVAGE**

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

**WHEREAS**, GPA seeks to maintain efficiency by replacing aged service vehicles and by providing reliable equipment to allow line crews to conduct repairs and maintenance on the transmission and distribution system in an efficient and cost-effective manner; and

**WHEREAS**, three bucket trucks; officials 5058, 4661, and 4577 within the current fleet are beyond reasonable economical repair and beyond their life expectancies, with extensive repairs required on the engines and aerial units and an average age of more than 18 years; and

**WHEREAS**, the Authority seeks to procure three new 55-Foot Bucket Trucks to replace these bucket trucks; and

**WHEREAS**, the new Bucket Trucks will give the Authority's Transmission & Distribution personnel the capability and capacity to perform new installations to support customer growth and to maintain the power system in a safe and efficient manner; and

**WHEREAS**, the Procurement Officer has provided adequate public announcement to procure three new 55-Foot Bucket Trucks through Bid Invitation No. GPA-104-18 providing the specifications for the bucket trucks and the information required of each offeror; and

**WHEREAS**, Morrico Equipment and MidPac Far East submitted bids for GPA's consideration; and

**WHEREAS**, the GPA Evaluation Committee determined Morrico Equipment to be the lowest responsive bidder for supply of three 55-foot Bucket Trucks at a cost of \$771,897.00

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

**WHEREAS**, GPA is seeking approval from the Consolidated Commission on Utilities to award the contracts to Morrico Equipment.

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

1. After careful consideration, the Consolidated Commission on Utilities finds the procurement of three 55-Foot Bucket Trucks with Morrico Equipment to be reasonable and prudent to replace three bucket trucks to be salvaged from GPA's fleet.
2. The General Manager of the Guam Power Authority is hereby authorized an increase in obligating authority up to \$771,897.00 for the purpose of procuring three 55-Foot Bucket Trucks from Morrico Equipment

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

**DULY AND REGULARLY ADOPTED AND APPROVED THIS 19<sup>th</sup> DAY OF OCTOBER 2018.**

Certified by:

Attested by:

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

\_\_\_\_\_  
**J. GEORGE BAMBA**  
SECRETARY

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

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

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

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

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

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

Me/



# GUAM POWER AUTHORITY

ATURIDÁT ILEKTRESEDÁT GUAHAN  
P.O. BOX 2977 • HAGÁTNA, GUAM U.S.A. 96932-2977

October 9, 2018

## Memorandum

**To:** Supply Management Administrator  
**From:** Evaluation Committee  
**Subject:** **BID EVALUATION for GPA-104-18**  
**New 2019 55 Foot, 4 X 4 Bucket Truck**

Guam Power Authority  
Assistant Manager, OPTS

19-23  
OCT 09 2018

RECEIVED  
By: [Signature] Time: 11:30 am.

The evaluation committee members have completed the evaluation and conclude that the following bidders have met the bid technical specifications as stated in the IFB. The committee recommends the award of this bid to this lowest, responsive and responsible bidder.

- Morrico Equipment
- Mid Pac Far East
- Far East Equipment – NO BID

## COMMITTEE MEMBERS:

[Signature]  
Edward Leon Guerrero  
Line Electrician Supervisor

[Signature]  
Jesse Cruz  
Line Electrician Supervisor

Concurred By:

[Signature]  
Melinda C. Mafnas, P.E. Date  
Assistant General Manager, Operations

[Signature]  
Franklin Taitague  
Heavy Equipment Mechanic Leader



☒ Approved ☐ Disapproved

[Signature] 10/10/18  
John M. Benavente, P.E. Date  
General Manager

NUMBER OF INVITATIONS ISSUED: 3NUMBER OF BIDS RECEIVED: 3

DESCRIPTION OF SUPPLIES OR SERVICES:

New 2019 55-Foot, 4x4 Bucket Truck

**PROCUREMENT DIVISION**  
**GUAM POWER AUTHORITY**  
**ABSTRACT OF BIDS**

INVITATION NUMBER:

GPA-104-18

OPENING DATE:

October 05, 2018 2:00 pm

OPENING TIME:

No: <u>1</u> Vendor Name: <u>Mil Pac Inc East</u>		DESCRIPTION		QTY		UNIT		DELIVERY	
BID GUARANTEE:		UNIT COST		PART NUMBER		CATALOG NUMBER		MANUFACTURER	
<input type="checkbox"/> Bid Bond # _____ Amount: \$ _____		\$260,000-		3770/AMS		Kenworth Altec		Philanthtec	
<input type="checkbox"/> Certificate of Authority <input type="checkbox"/> Power of Attorney									
<input type="checkbox"/> Standby Letter of Credit # _____ Amount \$ _____									
<input type="checkbox"/> Letter of Credit # <u>01-SB-1478</u> Amount \$ <u>124,000-</u>									
<input type="checkbox"/> Cashier's or Certified Check # _____ Amount \$ _____									
<input type="checkbox"/> Wire Transfer									
<input type="checkbox"/> Statement of Qualifications									
<input type="checkbox"/> Affidavits (Original Form)									
<input type="checkbox"/> Affidavits (Copy Form): Originals submitted with _____									
<input type="checkbox"/> Major shareholders <input type="checkbox"/> Non-Collusion <input type="checkbox"/> No Gratuities or Kickbacks									
<input type="checkbox"/> Ethical Standards <input type="checkbox"/> Wage Determination <input type="checkbox"/> Restriction Against Sex Offenders									
<input type="checkbox"/> Business License <input type="checkbox"/> Contractors License									
<input type="checkbox"/> Local Procurement Signed and Submitted									
<input type="checkbox"/> Surety									
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: <u>[Signature]</u> DATE: <u>10/5/18</u>									

<input type="checkbox"/> Lowest Responsive Bidder
<input type="checkbox"/> Tie Bid
<input type="checkbox"/> Only Bid
<input type="checkbox"/> Other Than Lowest Responsive Bidder

PAGE 1 OF 3









## BUCKET TRUCK FLEET PLAN

	Current	2019	2020	2021	2022
In Service	21	3	3	3	3
Retire	0	-3	-2	-3	0
TOTAL	21	21	22	22	25

	HEIGHT	YEAR	AGE	OFFICIAL #
1	55Ft.	2019	0	6564
2	55Ft.	2019	0	6725
3	55Ft.	2019	0	6726
4	55 Ft.	2017	1	4980
5	55 Ft.	2017	1	4981
6	55 Ft.	2017	1	4982
7	65 Ft.	2017	1	5381
8	65 Ft.	2017	1	5382
9	65 Ft.	2017	1	5394
10	56 Ft.	2014	4	6184
11	56 Ft.	2014	4	6185
12	42 Ft.	2009	9	5525
13	42 Ft.	2008	10	4739
14	42 Ft.	2007	11	55
15	42 Ft.	2007	11	4586
16	42 Ft.	2007	11	4587
17	55 Ft.	2001	17	5520
18	40 Ft.	1998	20	3015
19	55Ft.	1998	20	5058
20	55Ft.	1995	23	4661
21	55Ft.	2006	12	4577

# GM REPORT



**TO: Consolidated Commission on Utilities**

**FROM: General Manager**

**DATE: October 18, 2018**

**SUBJECT: General Manager's Report**

**This report provides updates on key issues:**

- 1. Generation System:** The following summarizes the generation capacity projection for November 2018. The Cabras steam units are currently on-line but limited to about 50 MW each. MEC 8 is undergoing its major overhaul scheduled from October 15<sup>th</sup> to November 6<sup>th</sup>.

<b>October 2018 Projected Capacity:</b>	<b>319 MW</b>
<b>October 2018 Projected Demand:</b>	<b>240 MW</b>
<b>Anticipated Reserve Margin:</b>	<b>79 MW</b>

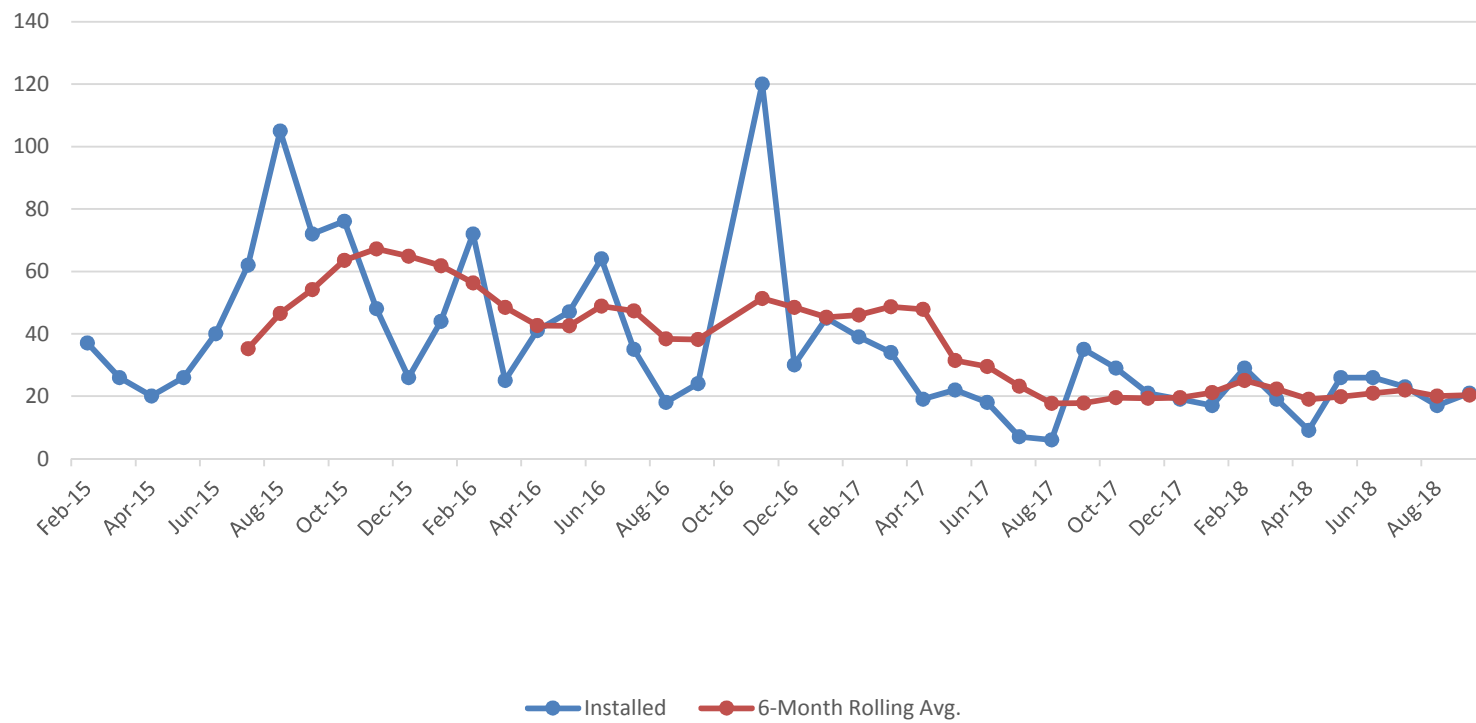


## 2. Net Metering Summary Ending September 2018:

Description:	Count	Kw
Active	1,771	18,823
Pending	19	241
Totals:	1,790	19,064

Service:	Count	KW	Kw/Customer
Residential	1,678	15,446	9.2
Others	93	3,377	36.3
Total:	1,771	18,823	10.6
% Residential	94.7%	82.1%	
Estimated 12 Months Revenue Impact:	\$3,521,130		

## NEM Installed Monthly as of September 2018



### 3. Demand Side Management Expenses Thru September 2018

Description	FY16	FY17	FY18 as of 9/30/2018*	Total to Date
Regular/OT Pay	\$ 11,348.80	\$ 22,256.00	\$ 20,469.95	\$ 54,074.75
Other Contractual	\$ 28,278.50	\$ 85,550.05	\$ 99,622.25	\$ 213,450.80
Bank Fees	\$ 155.00	\$ 1,032.06	\$ 1,085.08	\$ 2,272.14
Paid Rebates-Split AC	\$ 154,700.00	\$ 557,275.00	\$ 1,141,925.00	\$ 1,853,900.00
Paid Rebates- Central AC	\$ 3,400.00	\$ 8,200.00	\$ 4,400.00	\$ 16,000.00
Paid Rebates- Washer/Dryer	\$ 2,800.00	\$ 7,425.00	\$ 41,000.00	\$ 51,225.00
<b>Total Expenses</b>	<b>\$200,682.30</b>	<b>\$681,738.11</b>	<b>\$1,308,502.28</b>	<b>\$2,190,922.69</b>

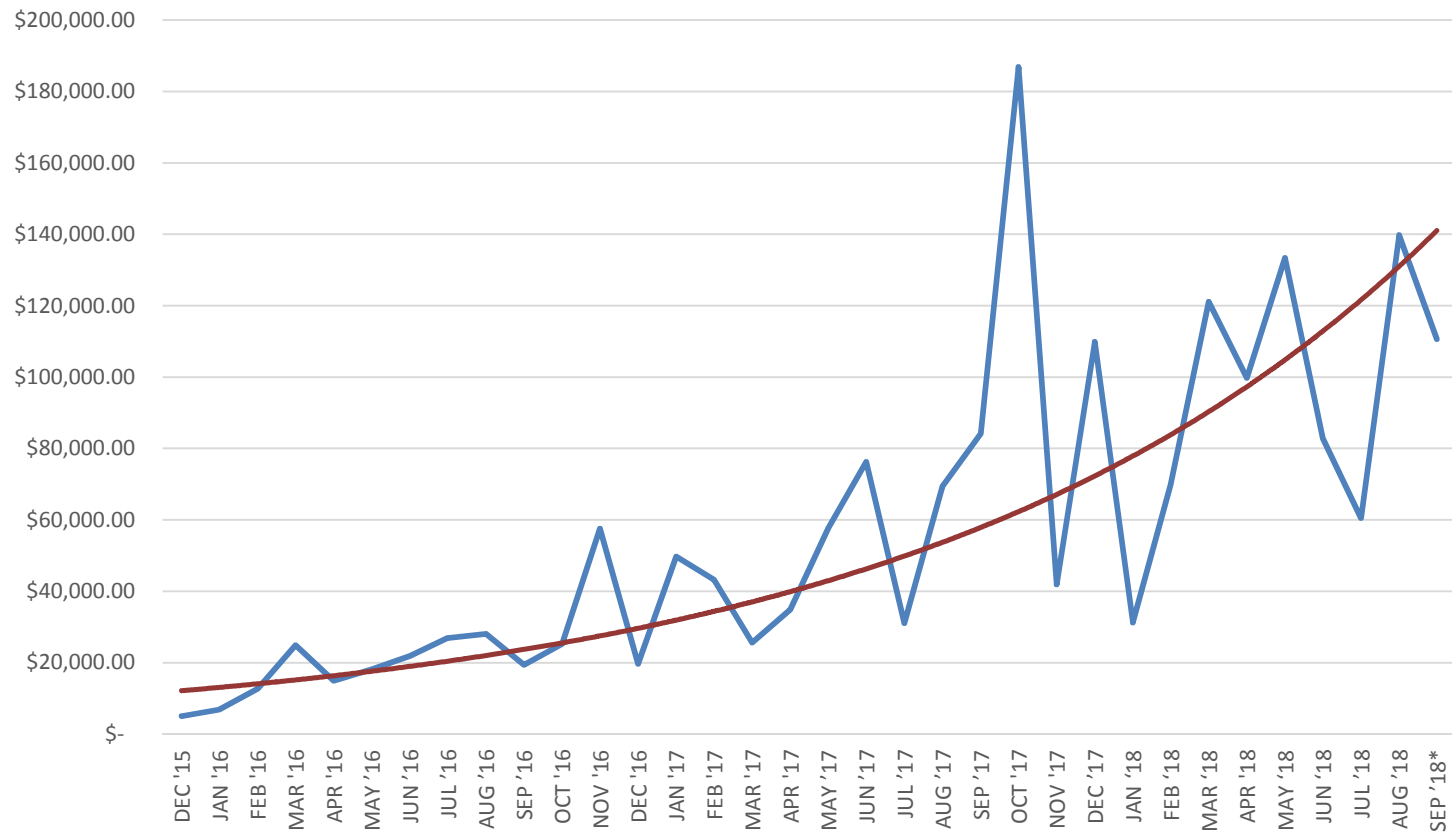
## DSM PROGRAM SUMMARY

DSM Program reduces peak demand and reduces LEAC cost for all customers at a one time fixed rebate. DSM eliminates running less efficient peaking units at peak time thereby reducing fuel cost.

DESCRIPTION	AMOUNT
Initial DSM Budget FY'16	\$ 1,806,014.00
Interest Income as of Sep 18	\$ 4,621.45
<b>Total Expense</b>	<b>\$ 2,190,922.69</b>
Ending Balance as of Sep 18	\$ (380,287.24)
Addtl. Budget: Approved (FY'18)	\$ 1,139,189.00
<b>Total Ending Balance as of Aug 18</b>	<b>\$ 758,901.76</b>



### Demand Side Management Program Growing Exponentially Rebates Paid (\$)



4. **PUC Dockets: Dockets on Agenda for October 25<sup>th</sup>**
  - 19-01 Bulk Storage Tanks Inspection and Refurbishment
  - 19-02 New ULSD Pipeline System
  - 19-03 Property Insurance Contract
5. **New 180 MW Power Plant:** The short listed seven (7) proponents have received the technical specifications. Bid opening is scheduled for January 2019.
6. **Meetings with Mayors':** We held meetings on October 10<sup>th</sup> and 11<sup>th</sup> here at Fadian with the village Mayors. The meeting covered typhoon restoration efforts, vegetation management and other issues. Meeting was well received and we plan to hold meetings quarterly in order to keep mayors abreast with developments within GPA and as a means for improved communications with the Mayors.
7. **Meetings with Employees:** We held our semi-annual briefing of employees on October 3<sup>rd</sup> and 4<sup>th</sup>. Briefing covered the many issues GPA faced over the past several months and the near term goals GPA is pursuing. We thanked employees most especially for their excellent work during the Typhoon Mangkhut recovery.
8. **New 40 MW Energy Storage Systems:** The 16 MW and 24 MW battery systems are now scheduled for completion in December 2018. The project will improve reliability by reducing loss of a generator related outages by over 70%.



9. **New SCADA System:** The new SCADA system for Power, Water and Wastewater is scheduled for completion by October 31<sup>st</sup> 2018. We are planning the commissioning ceremony for late November 2018. The system will improve system dispatching and day to day coordination between GPA and GWA.



## 10. \$1.25M Grant Award from Office of Insular Affairs “Energizing Insular Communities” (EIC):

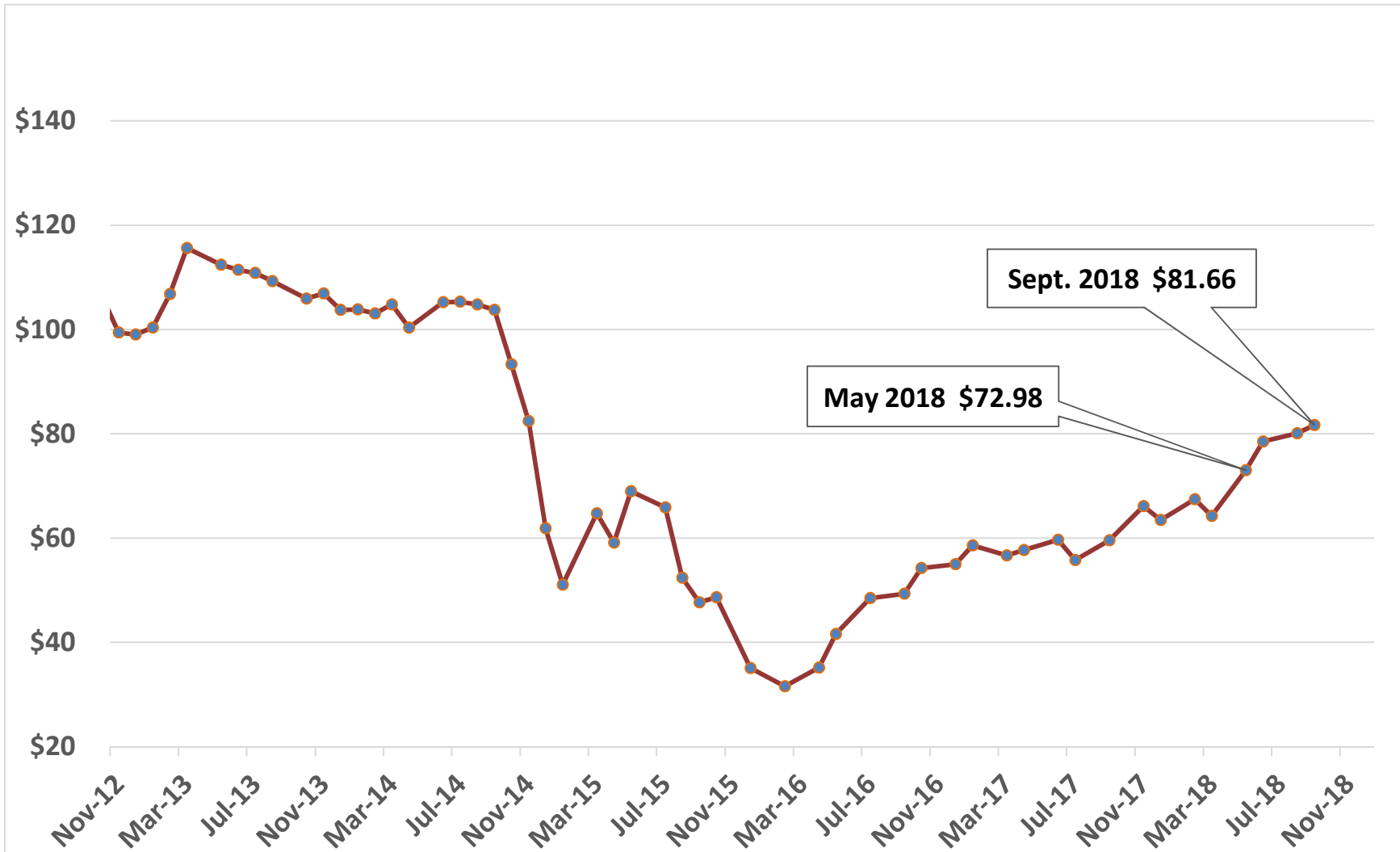
- GPA was awarded funding for the following two projects which will save GDOE greater than \$250K per year:
  - \$954,685 -GUAM-EIC-2018-1, Bringing Energy Savings To (BEST) Schools, Southern High School LED Lighting Retrofit
  - \$295,315 -GUAM-EIC-2018-2, Bringing Energy Savings To (BEST) Schools, George Washington High School LED Lighting Retrofit
- GPA will continue to apply for grants including ones under Pre-Disaster Mitigation and Hazard Mitigations Grant opportunities which became available when the President declared Guam a disaster area due to Typhoon Mangkhut in 2018. GPA intends to submit a grant proposal to provide standby generators at all the schools in order to avoid lost school day due to storms.
- Congratulations and Thank you to Project Manager Ms. Jessica T. Lazatin (Engineer I), Mr. Cruz, AGMET, and Mrs. Jennifer Sablan, SPORD Manager and the SPORD team for obtaining this significant grant in support of our community.



11. **BEST Schools Study:** The Siemen's group will be in Guam in November to present their findings and recommendations on energy and water cost savings opportunities and supply options for the GDOE schools. We will be scheduling a session for the presentation. This \$250K study is funded by GPA from savings of the recent bond refinancing.
12. **LEAC Update:** Fuel prices have gone up in the past couple of months. Attached are slides showing the Historical LEAC Over (Under) Recovery and scenario model runs with the latest fuel price from Oct 10<sup>th</sup> to 15<sup>th</sup>.
13. **Key Performance Indicators:** The following are indicators thru September 2018. Key points include:
  - Fuel oil cost continued to climb
  - Peak demand has dropped substantially
  - KWH sales continue to decline

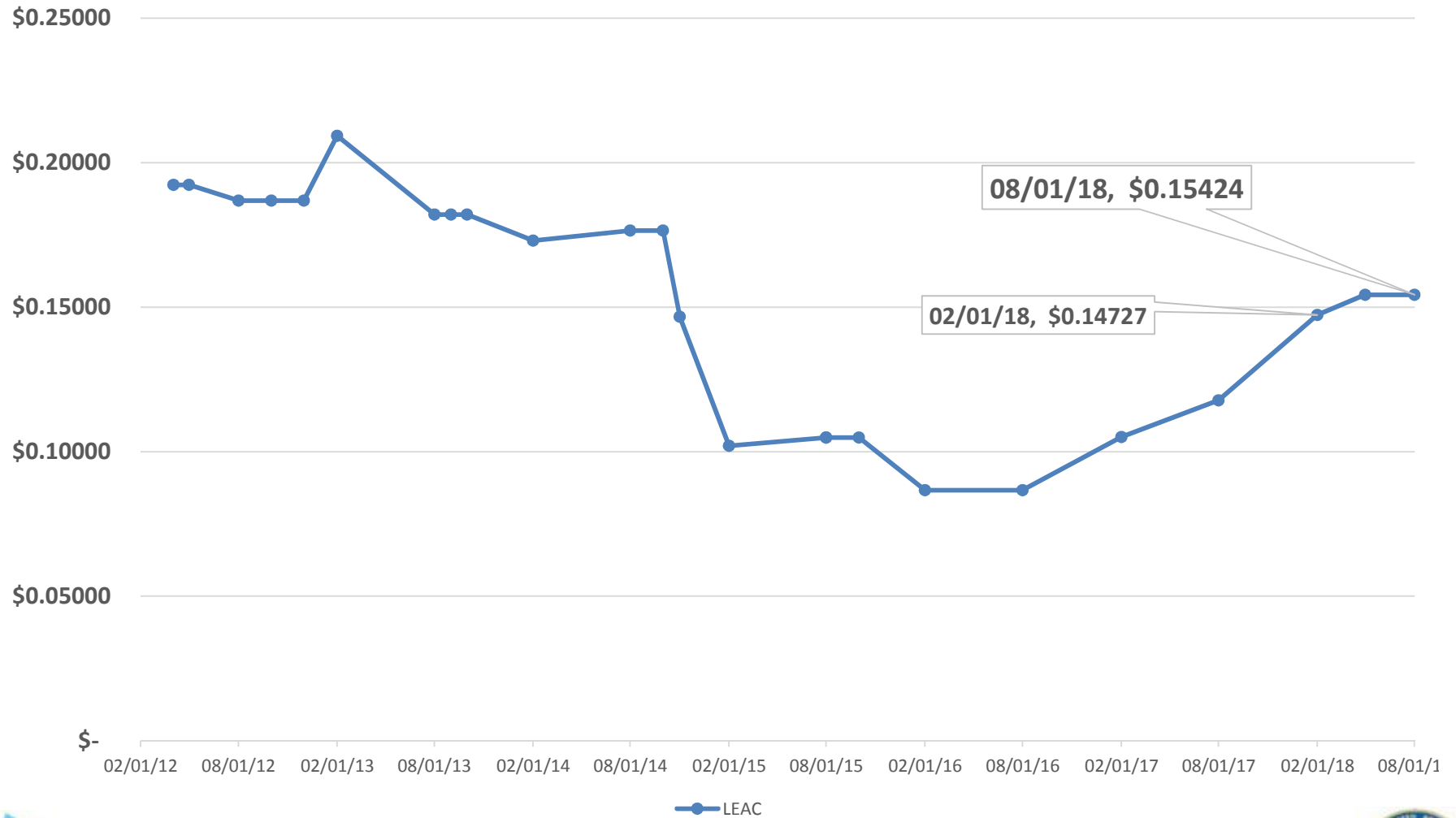
# LEAC Update – GPA Fuel Purchases (Per Barrel)

12



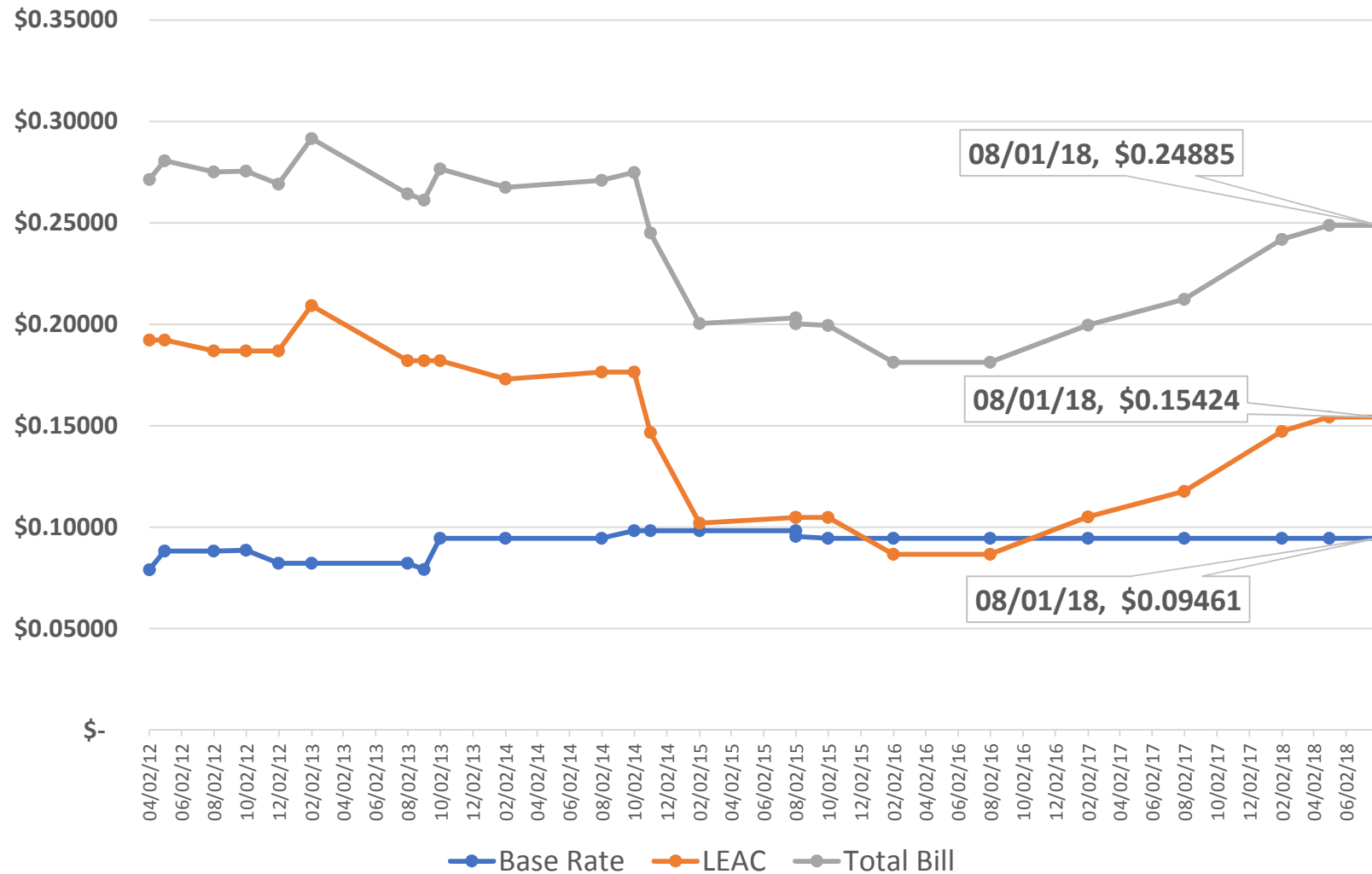
# Historical Residential LEAC Rate

13



# Historical Residential Rate

14





# Historical LEAC Over (Under ) Recovery

15

LEAC Period		Approved LEAC		Actual Over	
From	To	Rate		(Under) Recovery	
4/1/2012	7/31/2012	\$ 0.192310	\$	(3,040,418)	
8/1/2012	1/31/2013	\$ 0.186834	\$	(2,494,052)	
2/1/2013	7/31/2013	\$ 0.209271	\$	1,345,259	
8/1/2013	10/31/2013	\$ 0.182054	\$	1,300,093	
2/1/2014	7/31/2014	\$ 0.172986	\$	(1,137,034)	
8/1/2014	10/31/2014	\$ 0.176441	\$	(4,646,872)	
11/1/2014	1/31/2015	\$ 0.146666	\$	661,428	
2/1/2015	7/31/2015	\$ 0.102054	\$	1,757,878	
8/1/2015	1/31/2016	\$ 0.104871	\$	(2,467,151)	
2/1/2016	7/31/2016	\$ 0.086613	\$	(2,668,603)	
8/1/2016	1/31/2017	\$ 0.086613	\$	(9,915,360)	
			\$	(5,315,360) a	
2/1/2017	7/31/2017	\$ 0.105051	\$	(14,050,504)	
8/1/2017	01/31/1018	\$ 0.117718	\$	(16,775,982)	
2/1/2018	4/30/2018	\$ 0.147266	\$	(13,005,689)	
5/1/2018	7/31/2018	\$ 0.154242	\$	(8,422,674)	
8/1/2018	1/31/2019	\$ 0.154242	\$	(11,841,650) Estimate	

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



# LEAC Update – Scenario Model Runs

16

## Proposed Effective 02/01/2019

Fuel Price (Oct 10-15, 2018)			
	@ Zero Cost Recovery	@ 50% Recovery	@ Full Cost Recovery
1 Average Price per BBL-RFO	\$ 85.64	\$ 85.64	\$ 85.64
2 Average Price per Gal-Diesel	\$ 105.02	\$ 105.02	\$ 105.02
3 Proposed LEAC Rate	<b>\$ 0.154242</b>	<b>\$ 0.169659</b>	<b>\$ 0.185078</b>
4 Monthly Increase/(Decrease) - 1000 kWh	\$ -	\$ 15.42	\$ 30.84
5 % Increase/(Decrease) in LEAC	0.00%	10.00%	19.99%
6 % Increase/(Decrease) in Total Bill	0.00%	6.2%	12.39%
7 Fuel Cost (Over) Under Recovery at the end of the period	<b>\$20.0M</b>	<b>\$10.0M</b>	\$ -



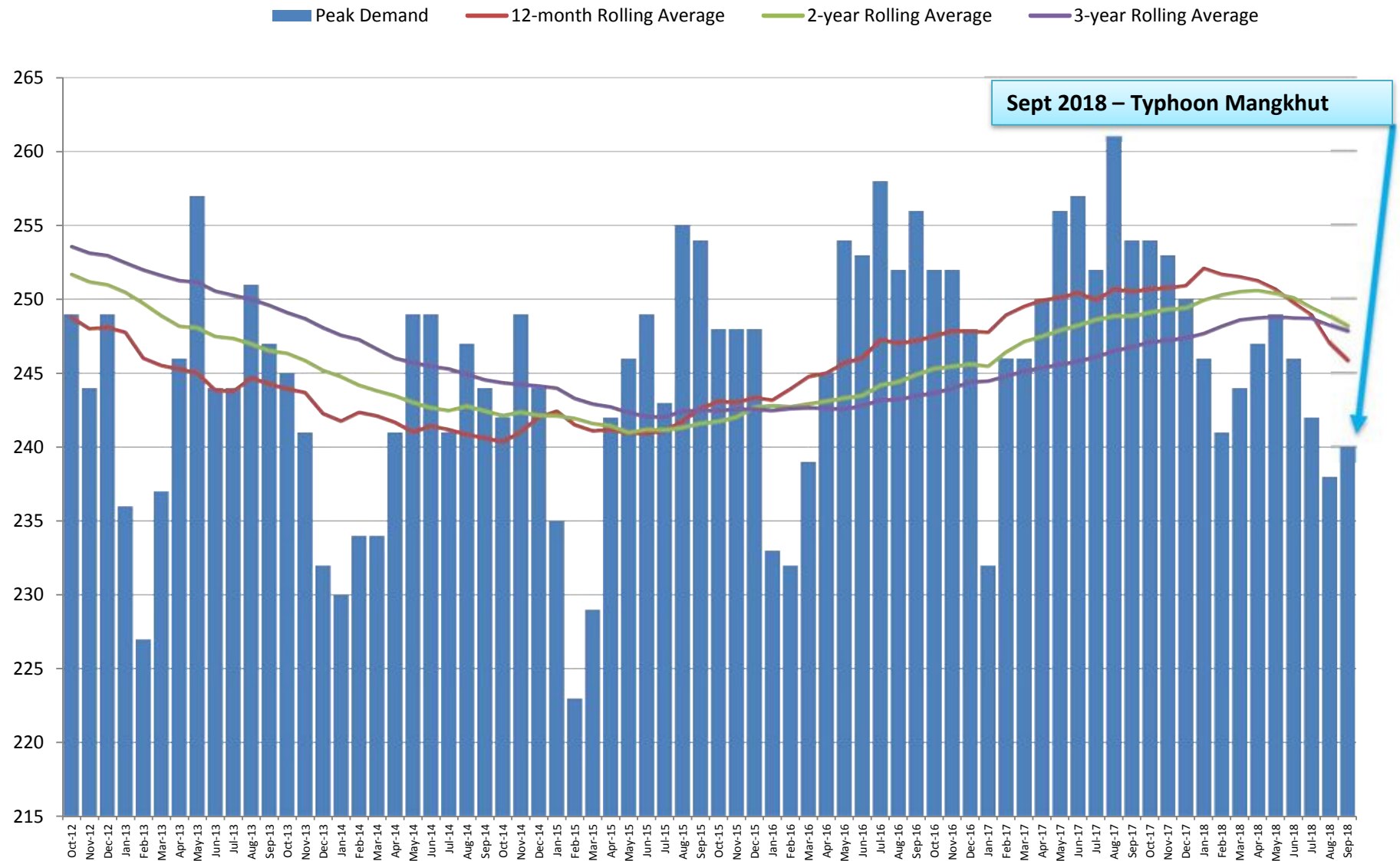
# LEAC Update – Billing Illustrations

17

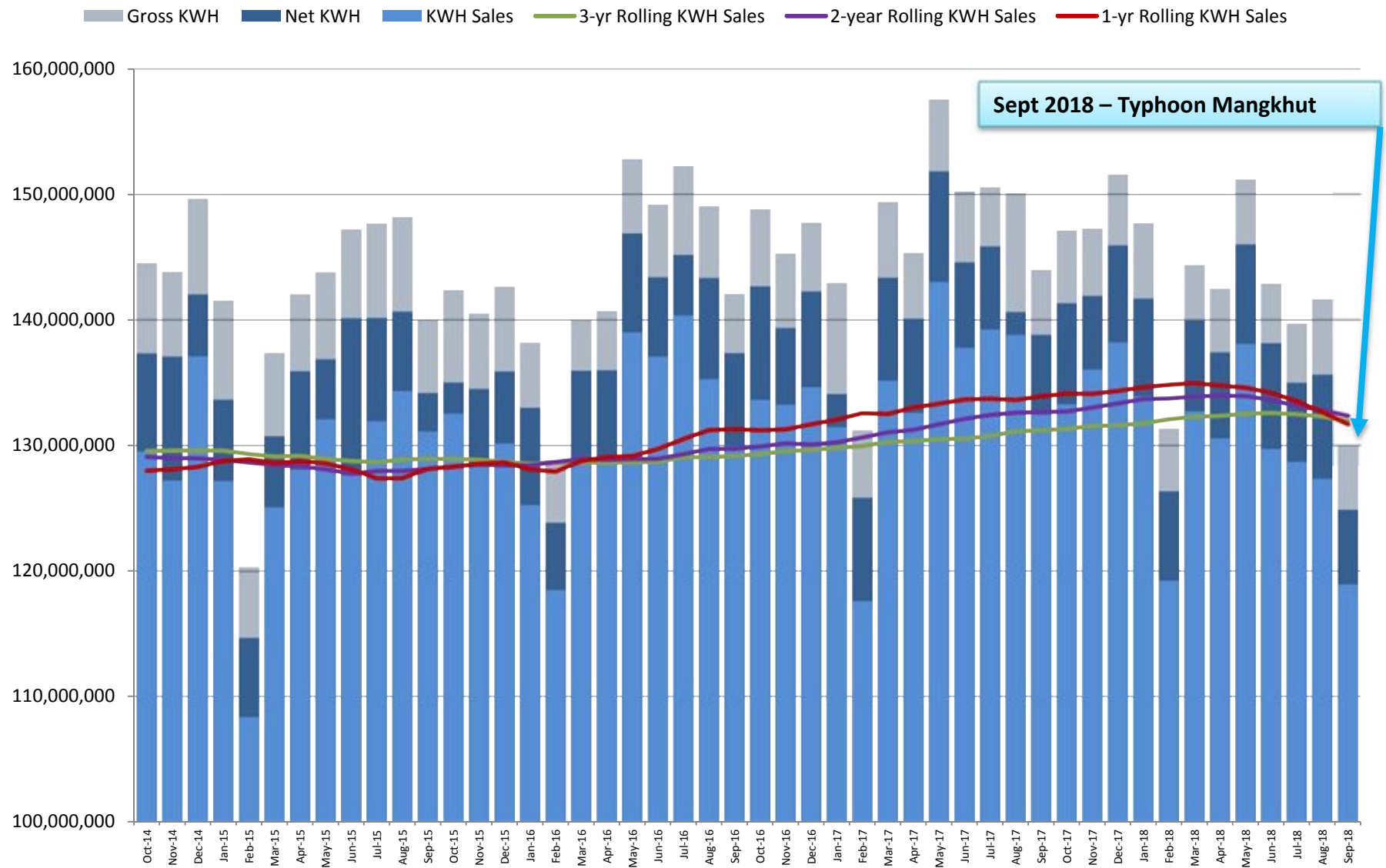
	@ Zero Recovery		@ 50% Recovery		@ Full Recovery	
	Effective 2/1/19		Effective 2/1/19		Effective 2/1/19	
KWH		1,000		1,000		1,000
Monthly Charge	15.00	15.00	15.00	15.00	15.00	15.00
Non-Fuel Energy Charge						
First 500 KWH	0.06955	\$ 34.78	0.06955	\$ 34.78	0.06955	\$ 34.78
Over 500 KWH	0.08687	\$ 43.44	0.08687	\$ 43.44	0.08687	\$ 43.44
Emergency Water-well charge	0.00279	\$ 1.40	0.00279	\$ 1.40	0.00279	\$ 1.40
Insurance Charge		\$ -		\$ -		\$ -
Working Capital Fund Surcharge		\$ -		\$ -		\$ -
Roll-Back Credit		\$ -		\$ -		\$ -
<b>Total Electric Charge before Fuel Recovery Charges</b>		\$ 94.61		\$ 94.61		\$ 94.61
Fuel Recovery Charge	<b>0.154242</b>	154.24	<b>0.169659</b>	169.66	<b>0.185078</b>	185.08
<b>Total Electric Charge</b>		\$248.85		\$264.26		\$279.68
Increase (Decrease) in Total Bill		<u>\$0.00</u>		<u>\$15.42</u>		<u>\$30.84</u>
% Increase (Decrease) in Total Bill		<b>0.00%</b>		<b>6.20%</b>		<b>12.39%</b>
% Increase (Decrease) in LEAC		<b>0.00%</b>		<b>10.00%</b>		<b>19.99%</b>
<b>Cents/kWh</b>		<b>\$ 0.2488</b>		<b>\$ 0.2643</b>		<b>\$ 0.2797</b>



## Historical Monthly Peak Demand Oct 2012 - Sept 2018



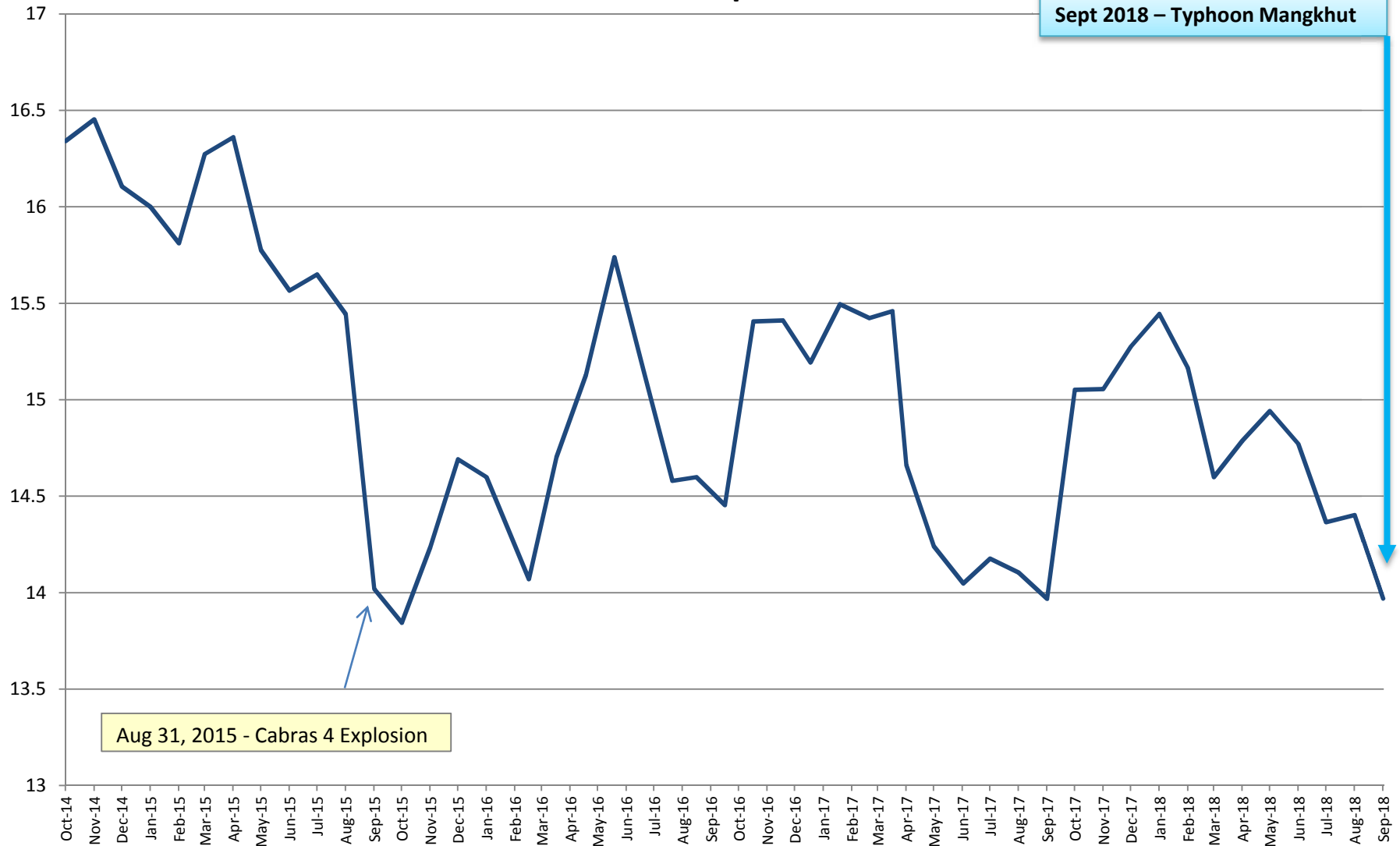
## Historical KWH Sales Oct 2014 - Sept 2018



## SYSTEM GROSS HEAT RATE (KWH/Gal) Oct 2014 - Sept 2018

Note: Sept 2018 KWH Generation from Solar Power Plant pending corrections from Sept 21 through 30 (meter malfunction).

Sept 2018 – Typhoon Mangkhut

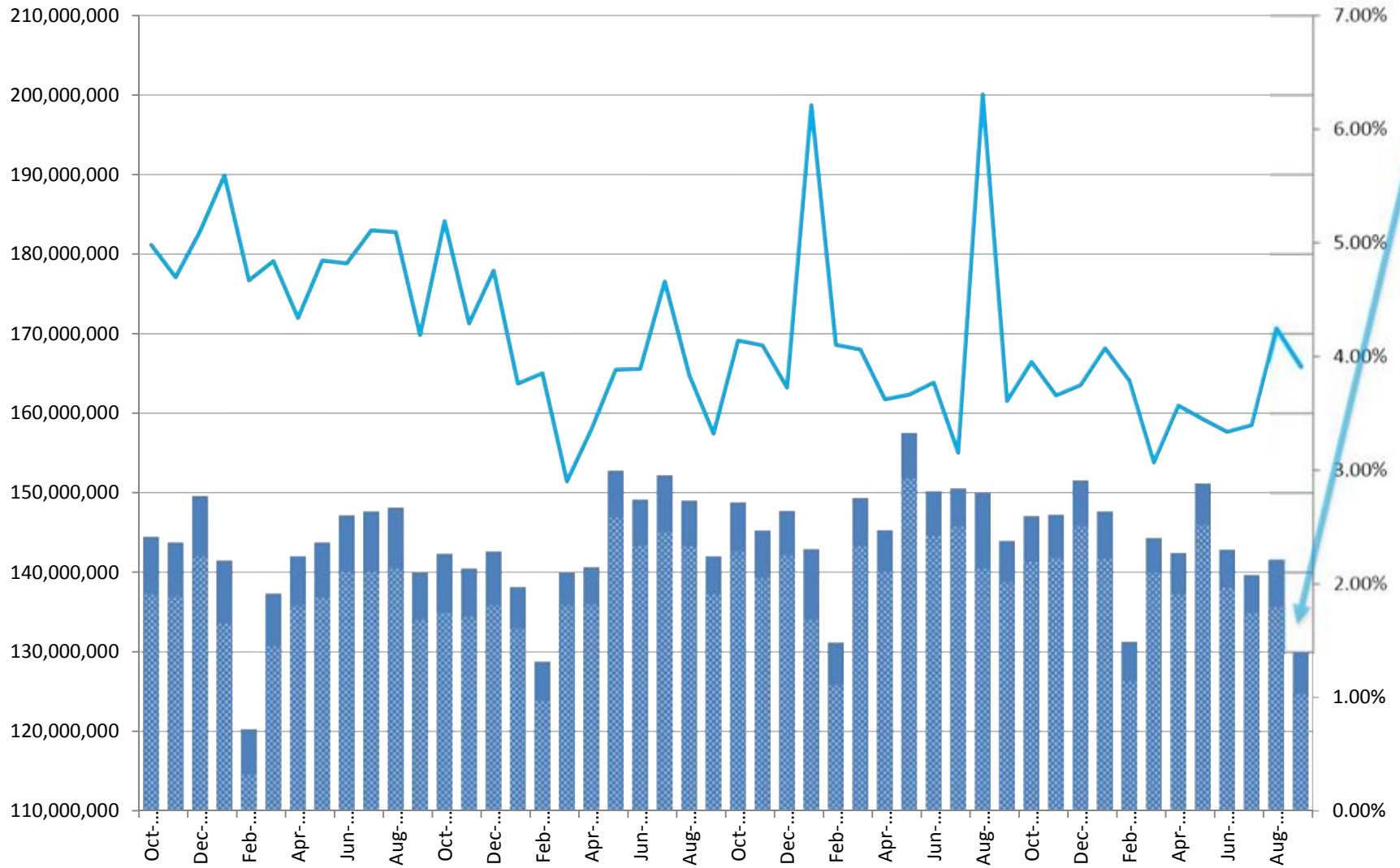


### Gross and Net Generation (KWH) Oct 2014 - Sept 2018

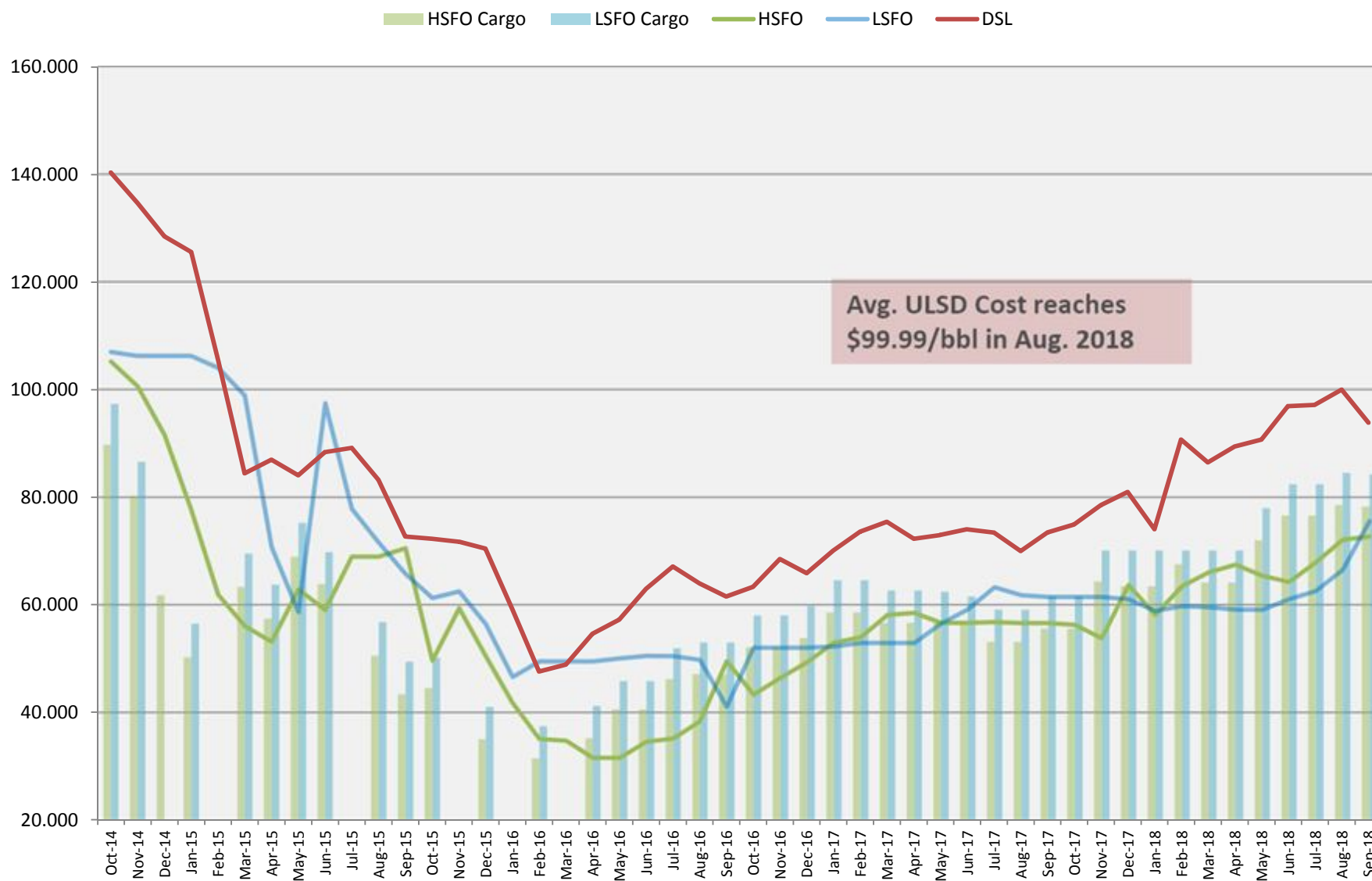
Gross KWH Net KWH % Station Use

Note: Sept 2018 KWH Generation from Solar Power Plant pending corrections from Sept 21 through 30 (meter malfunction).

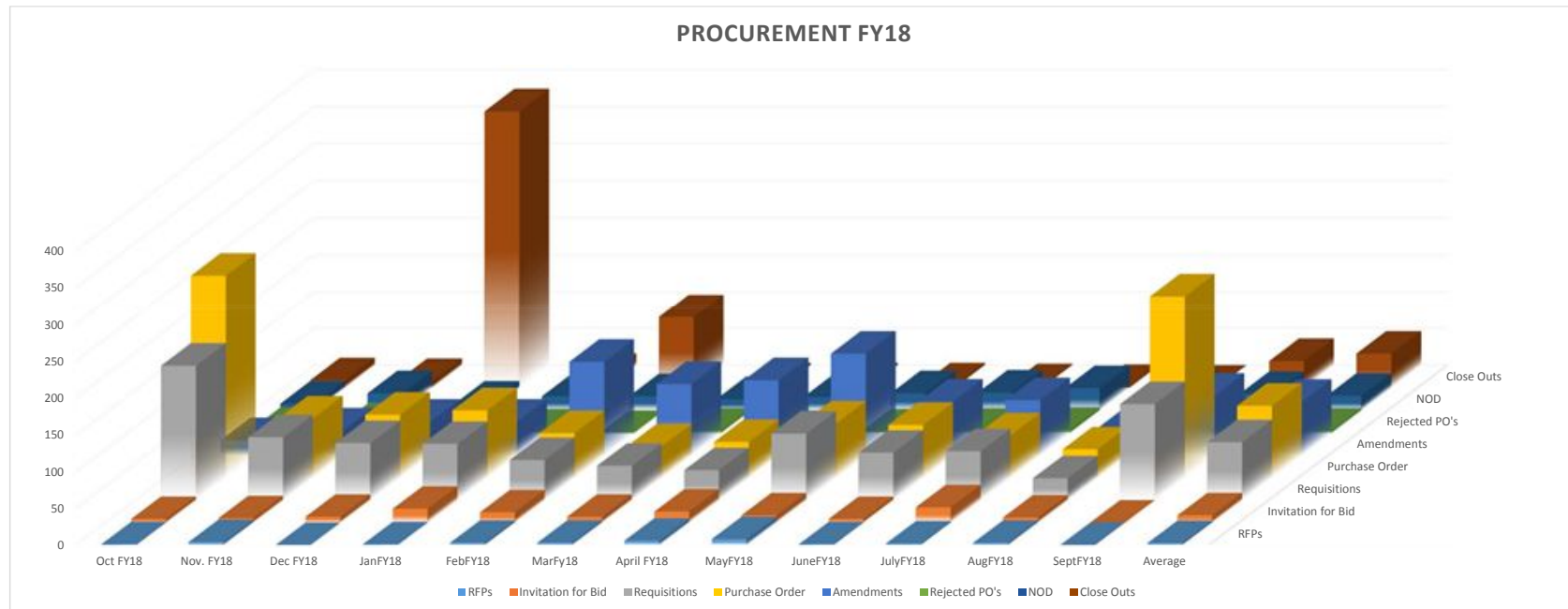
Sept 2018 – Typhoon Mangkhut



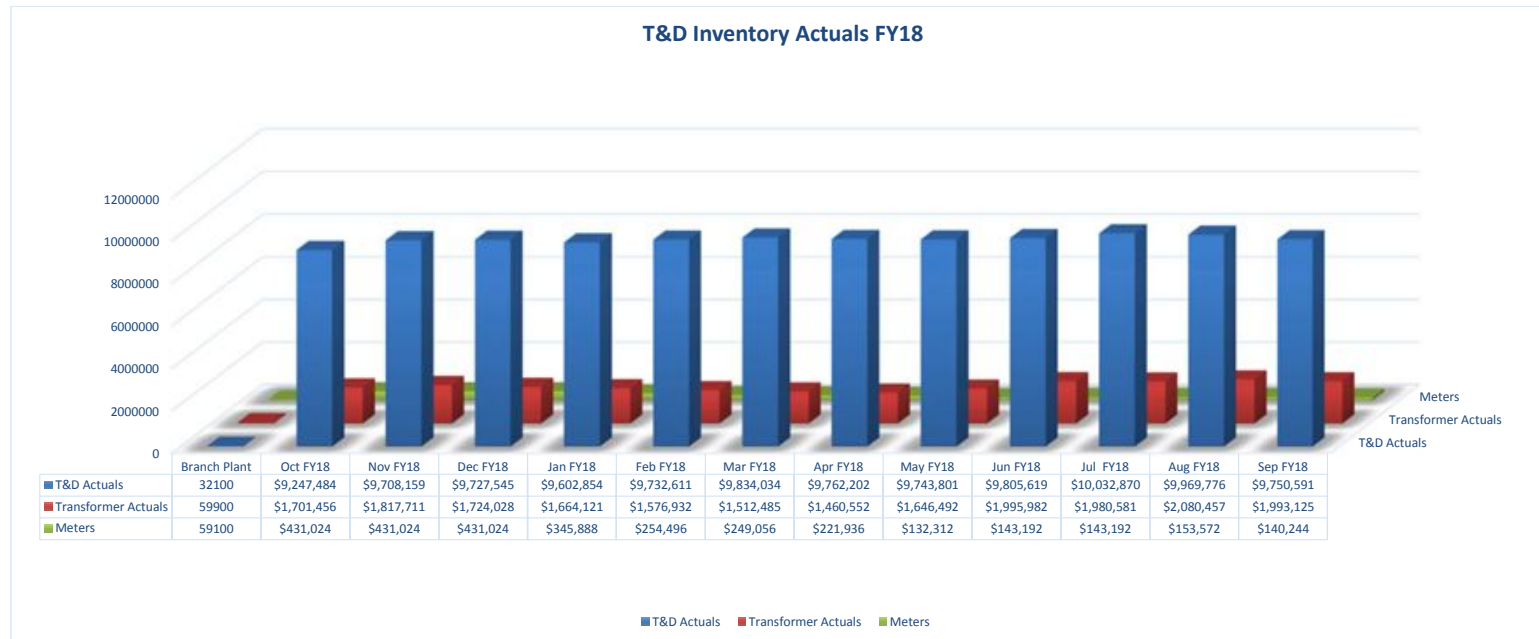
## Fuel Cargo and Fuel Consumption Costs (\$/bbl) Oct 2014 - Sept 2018



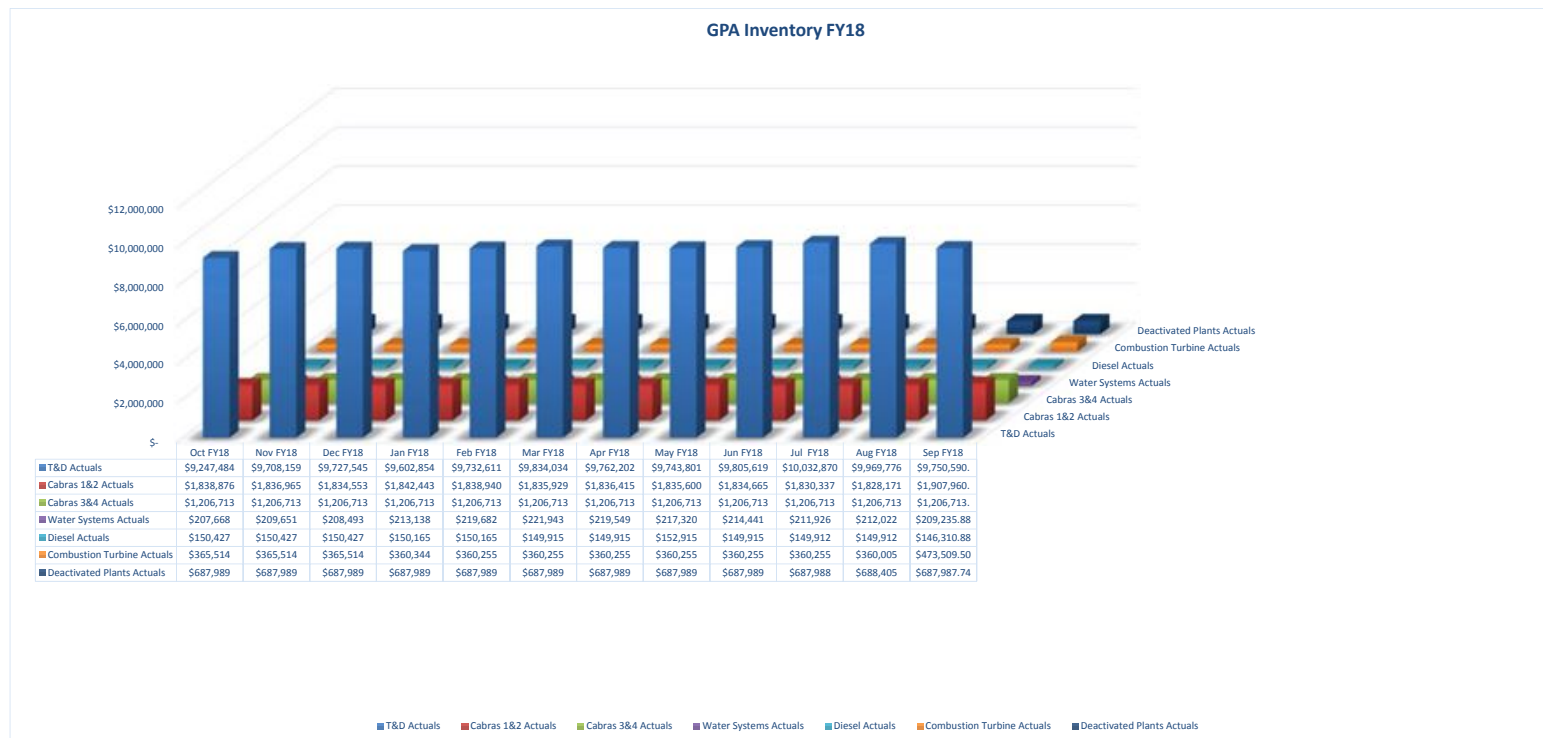




	Oct FY18	Nov. FY18	Dec FY18	JanFY18	FebFY18	MarFY18	April FY18	MayFY18	JuneFY18	JulyFY18	AugFY18	SeptFY18	Average
RFPs	1	4	0	1	3	3	6	8	1	2	3	0	2.66666667
Invitation for Bid	5	6	8	19	14	8	15	10	5	21	7	0	9.83333333
Requisitions	183	86	78	77	55	47	41	91	65	67	30	131	79.25
Purchase Order	275	81	86	92	61	43	49	74	72	58	39	247	98.08333333
Amendments	21	34	46	46	127	97	102	138	73	75	32	81	72.66666667
Rejected PO's	4	9	0	2	0	3	0	2	3	4	4	4	2.91666667
NOD	9	23	9	19	19	15	18	23	24	30	24	22	19.58333333
Close Outs	10	9	374	16	96	3	3	3	2	1	0	36	46.08333333



# GPA Work Session - October 18, 2018 - DIVISION REPORTS



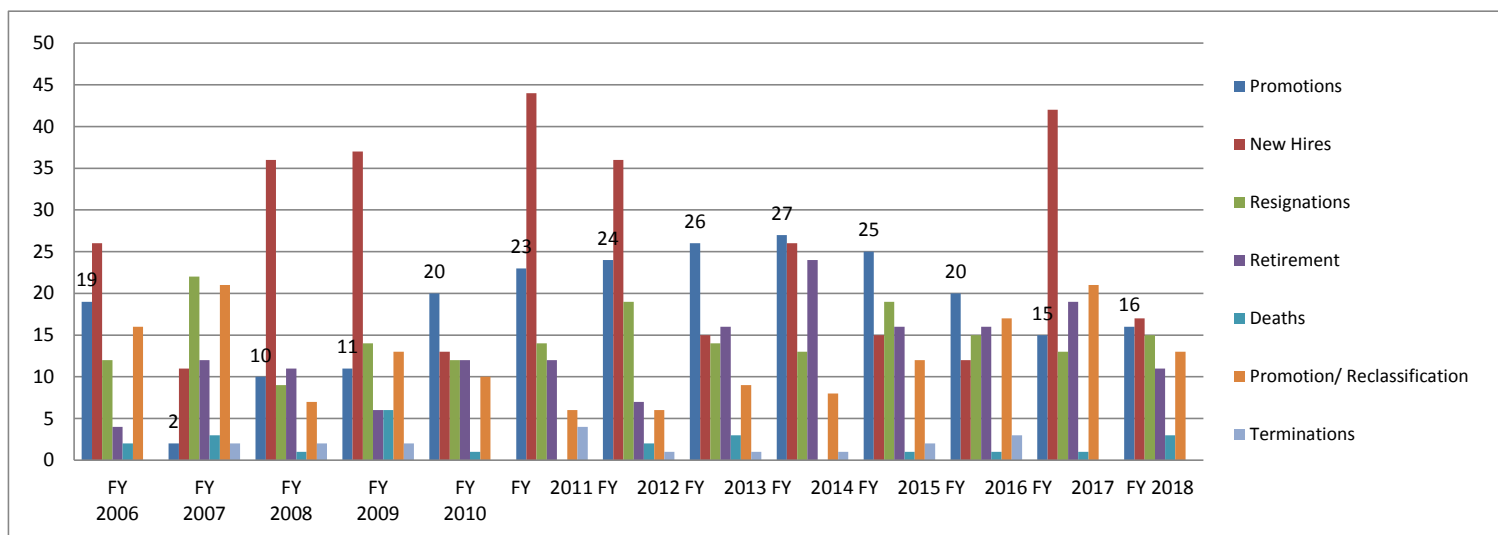
## RECRUITMENT ANALYSIS

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%

*Recruitment Analysis (FY 2018) ..1 of 2*

*as of 09/30/18*

GPA Work Session - October 18, 2018 - 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
Promotions	19	2	10	11	20	23	24	26	27	25	20	15	16
New Hires	26	11	36	37	13	44	36	15	26	15	12	42	17
Resignations	12	22	9	14	12	14	19	14	13	19	15	13	15
Retirement	4	12	11	6	12	12	7	16	24	16	16	19	11
Deaths	2	3	1	6	1	0	2	3	0	1	1	1	3
Promotion/Reclassification	16	21	7	13	10	6	6	9	8	12	17	21	13
Terminations	0	2	2	2	0	4	1	1	1	2	3	0	0

TOTAL NO. OF EMPLOYEES	536	510	525	534	522	536	543	524	512	489	466	476	464
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Recruitment Analysis (FY 2018) .. 2 of 2

as of 09/30/18

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

<b>DIVISION</b>	<b>B1 ACTIVE EMP</b>	<b>B2 LAST EMP</b>	<b>C PROMOTE /TRANS</b>	<b>D PROM. RECLASS</b>	<b>E NEW HIRES</b>	<b>F RESIGN/ TERM</b>	<b>G RETIRE</b>	<b>H CURR VAC</b>	<b>I LAST VAC</b>	<b>(B1+H=K) TOTAL STAFFING</b>
INTERNAL AUDIT/REVENUE PROTECTION	3	3	0	0	0	0	0	1	1	4
BOARD(10200)	2	2	0	0	0	0	0	0	0	2
GENERAL MANAGER (CUS) [10100]	0	0	0	0	0	0	0	0	0	0
GENERAL MANAGER (20500)	4	4	0	0	0	0	0	0	0	4
PUBLIC INFORMATION OFFICE	2	2	0	0	0	0	0	0	0	2
ASSIST GM-ENG/TECH SVCS (30500)	1	1	0	0	0	0	0	0	0	1
ASSISTANT GENERAL MGR (30800)	1	1	0	0	0	0	0	1	1	2
ASSISTANT GENERAL MGR (AGMO) 50900	2	2	0	0	0	0	0	0	0	2
STRAT PLANN & OPTNS RESEARCH DIV	9	9	0	0	0	0	0	2	2	11
FACILITIES	9	9	0	0	0	0	0	0	0	9
HUMAN RESOURCES	8	8	1	0	0	0	0	2	2	10
CUSTOMER SERVICES	38	36	1	0	1	0	0	2	4	40
INFORMATION TECHNOLOGY	15	15	0	0	0	0	0	1	1	16
FINANCE	40	41	0	0	0	0	0	6	5	46
PROCUREMENT	21	21	0	0	0	0	0	1	1	22
TRANSPORTATION	11	11	0	0	0	0	0	0	0	11
SAFETY	5	5	0	0	0	0	0	2	2	7
PLANNING & REG	8	8	0	0	0	0	0	0	0	8
ENGINEERING	37	38	0	0	0	0	1	2	1	39
GENERATION	128	130	0	0	0	0	2	9	7	137
TRANSMISSION/DISTRIBUTION	98	97	2	0	2	1	0	12	13	110
POWER SYSTEM CONTROL CENTER	22	22	0	0	0	0	0	5	5	27
	464	465	4	0	3	1	3	46	45	510
JOBS/SCSEP/GETP PARTICIPANTS	2	2								2
WORK EXPERIENCE PROGRAM	4	4								
APPRENTICESHIP PROGRAM	0	0								0
SUMMER ENGINEERING INTERNS	0	1								0
TEMPORARY (P.L. 34-32)	1	1								1
GRAND TOTAL WORKFORCE:	471	473	4	0	3	1	3	46	45	513

FTE Count per FY18 FMP: 510

Current vacancies adjusted to reflect FTE of 510

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

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

\*\* SCSEP = Senior Community Service Employment Program

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

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

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

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

# E&TS Divisional Report Summary

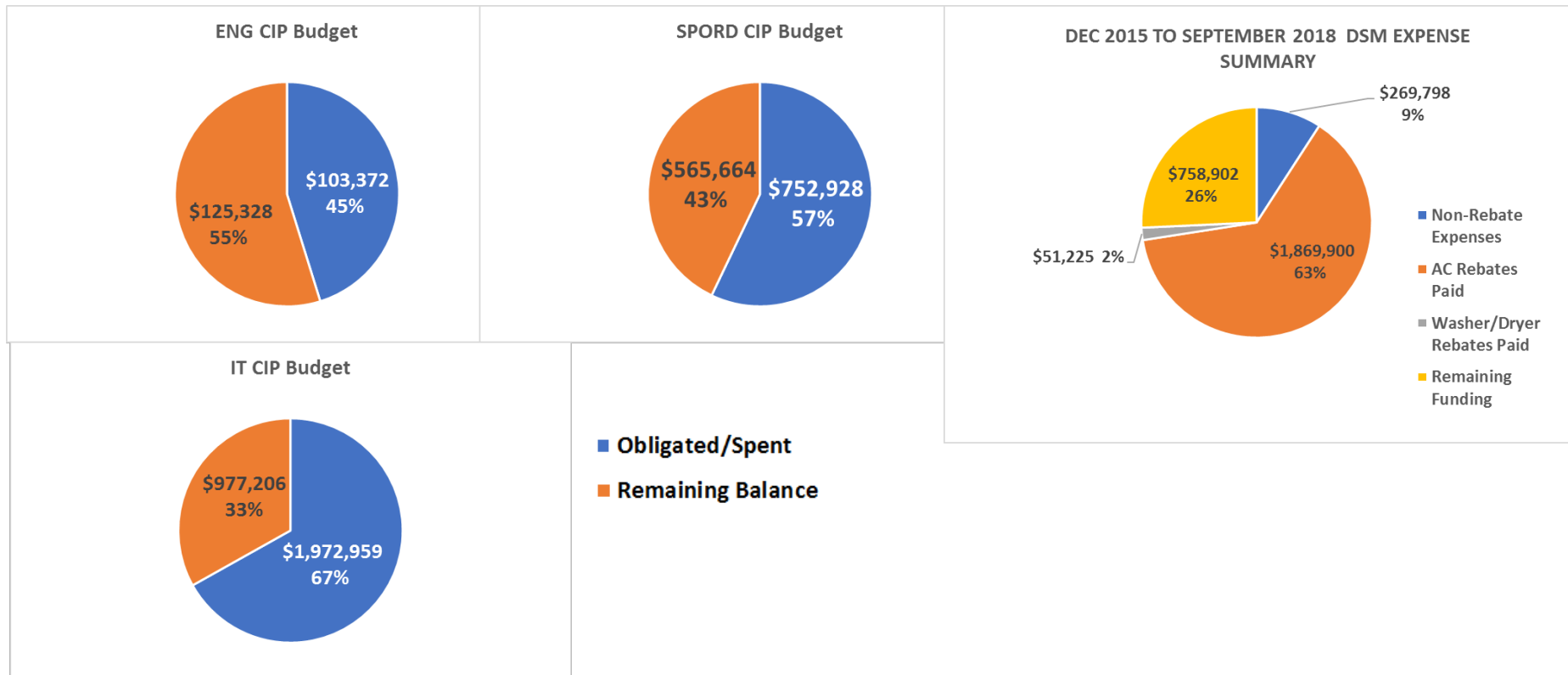
October 2018 CCU Board Meeting

# Contents

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

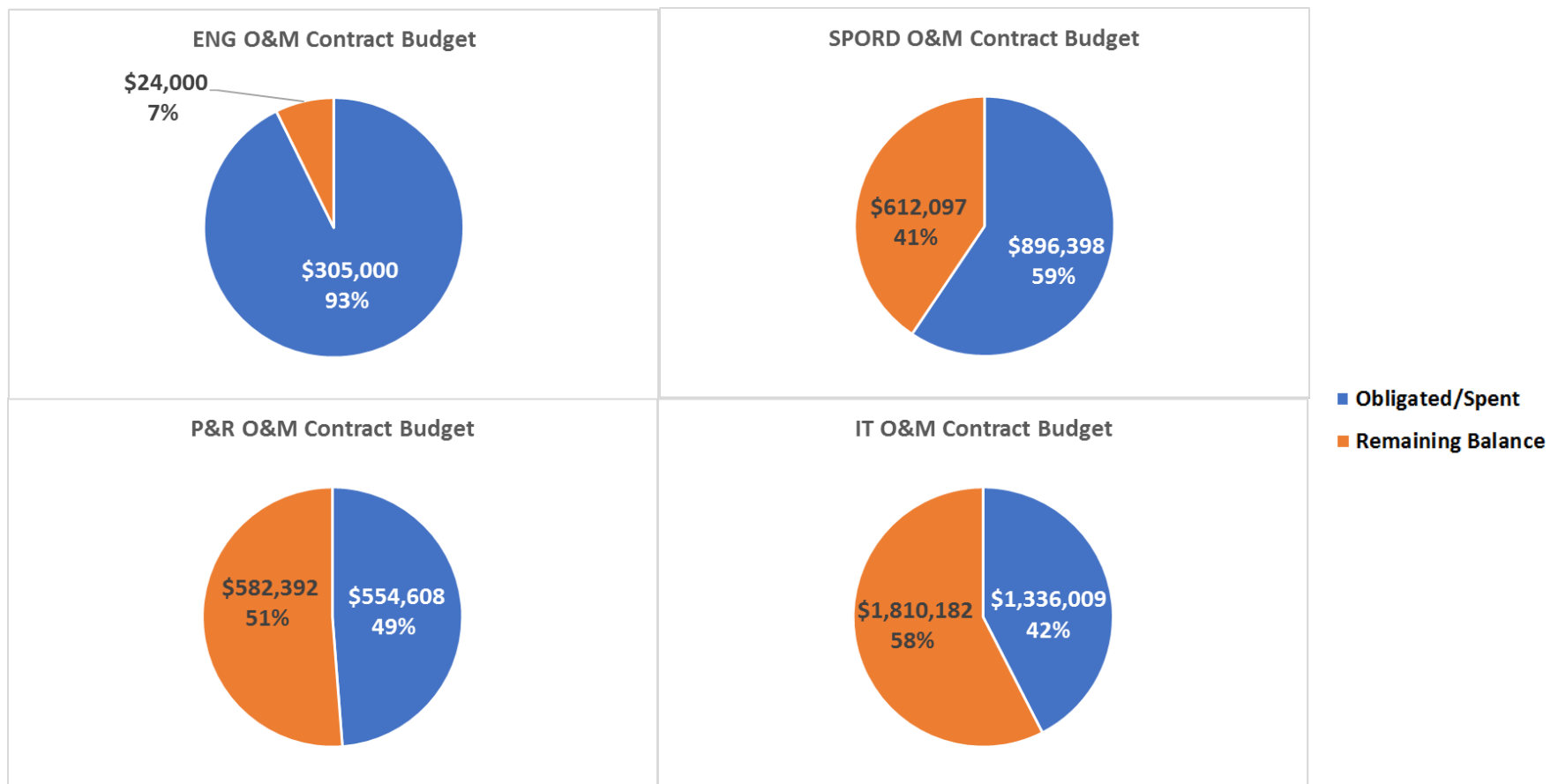


# E&TS CIP Budget Execution Performance



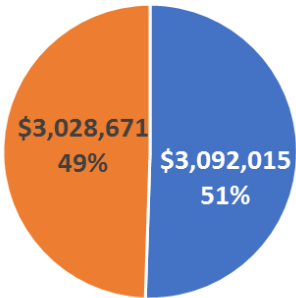
# Major Contracts: Non-O&M/Non-CIP Budget

<b>Major Contracts (Non-O&amp;M Budget)</b>	<b>Annual Contract Amount</b>	<b>Actuals</b>	<b>Balance</b>
Aggreko Contract (FY 2018)	\$ 11,751,171	\$ 11,672,952	\$ 78,219
Fuel Contracts (FY 2018)	\$ 244,155,786	\$ 221,162,142	\$ 22,993,644
MEC IPP (Piti 8&9) (FY 2018)	\$ 31,909,347	\$ 31,891,689	\$ 17,658
NRG Contract (Renewable) (FY-2018)	\$ 10,170,682	\$ 9,181,849	\$ 988,833
<b>Total</b>	<b>\$ 297,986,986</b>	<b>\$ 273,908,631</b>	<b>\$ 24,078,354</b>
DSM (Multi-Year Budget) (2015-2021)	\$ 2,949,824	\$ 2,190,923	\$ 758,902

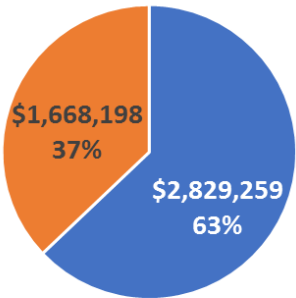


# E&TS Budget Execution Summary

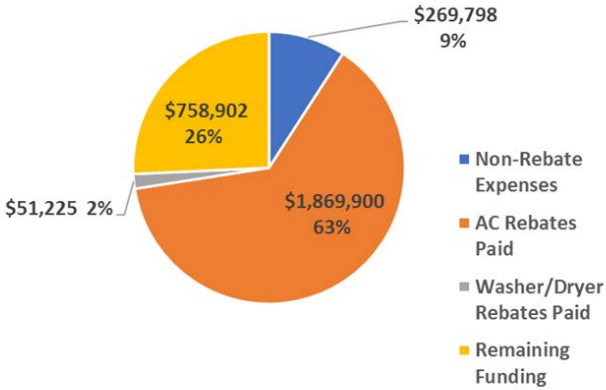
E&TS O&M Contract Budget



E&TS CIP Budget



DEC 2015 TO SEPTEMBER 2018 DSM EXPENSE SUMMARY



# FY 2018 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
<b>SPORD</b>	3		4	7		1	2	3	6	7	1	14
<b>Engineering</b>	5	31	2	38		7	32	29	1	3		4
<b>SPORD/Engineering</b>		1		1						4		4
<b>IT</b>	2	3	2	7	2		1	0	3	4	0	7
<b>P&amp;R</b>	3			3			2				1	1
<b>Total</b>	<b>13</b>	<b>35</b>	<b>8</b>	<b>56</b>	<b>2</b>	<b>8</b>	<b>37</b>	<b>32</b>	<b>10</b>	<b>18</b>	<b>2</b>	<b>30</b>

# Environmental Compliance

P&R Inspections Status Ending September 30, 2018

Inspection Type	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Generation	New Violation Notifications Issued	6
		Remediations Past Due	31
		Remediations Not Past Due	0
	T&D	New Violation Notifications Issued	3
		Remediations Past Due	2
		Remediations Not Past Due	0
Best Management Practices (BMPs)	Generation	New Violation Notifications Issued	0
		Remediations Past Due	5
		Remediations Not Past Due	1

- 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



## GUAM POWER AUTHORITY

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

### GUAM POWER AUTHORITY FINANCIAL STATEMENT OVERVIEW August 2018

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

#### Summary

The increase in net assets for the month ended was \$0.8 million as compared to the anticipated net increase of \$0.5 million projected at the beginning of the year. The total kWh sales for the month were 8.44% less than projected and non-fuel revenues were \$1.1 million less than the estimated amount. O & M expenses for the month were \$5.9 million which was \$0.5 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 \$0.8 million 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	2.48	2.62	2
Days in Receivables	39	38	52
Days in Payables	29	20	30
LEAC (Over)/Under Recovery Balance -YTD	\$8,422,674	\$7,313,081	\$8,722,838
T&D Losses	5.03%	5.08%	<7.00%
Debt Service Coverage	1.80	1.78	1.75
Long-term equity ratio	17%	17%	30 – 40%
Days in Cash	172	199	60

The Quick Ratio has been a challenge for GPA historically. However, over the last two fiscal years, the influx of cash from insurance proceeds continued to improve this ratio. GPA has current obligations of approximately \$64 million and approximately \$168 million in cash and current receivables. Debt Service Coverage ratio is calculated using the methodology in use before the Fiscal Year 2002 change in accounting practice.

**Financial Statements**  
**August 2018**

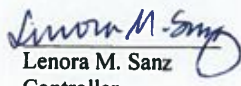
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**Significant Assumptions**

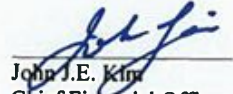
The significant assumptions in the financial statements are as follows:

- 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.

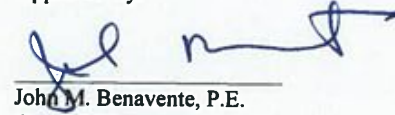
Prepared by:

  
Lenora M. Sanz  
Controller

Reviewed by:

  
John J.E. Kim  
Chief Financial Officer

Approved by:

  
John M. Benavente, P.E.  
General Manager



<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statements of Net Position</b> <b>August 31, 2018 and September 30, 2017</b>			
	Unaudited August 2018	Audited September 2017	Change from Sept 30 2017
<b>ASSETS AND DEFERRED OUTFLOWS OF RESOURCES</b>			
Current assets:			
Cash and cash equivalents:			
Held by trustee for restricted purposes:			
Interest and principal funds	15,309,791	18,061,879	(2,752,088)
Bond indenture funds	50,993,988	56,907,535	(5,913,547)
Held by Guam Power Authority:			
Bond indenture funds	128,395,658	132,579,889	(4,184,231)
Self insurance fund-restricted	19,257,186	19,251,372	5,814
Energy sense fund	1,141,191	1,074,491	66,700
Total cash and cash equivalents	215,097,814	227,875,166	(12,777,352)
Accounts receivable, net	36,497,720	77,826,132	(41,328,412)
Total current receivables	36,497,720	77,826,132	(41,328,412)
Materials and supplies inventory	12,838,914	11,989,745	849,169
Fuel inventory	61,501,478	52,387,369	9,114,109
Prepaid expenses	1,940,395	629,586	1,310,809
Total current assets	327,876,321	370,707,998	(42,831,677)
Utility plant, at cost:			
Electric plant in service	1,059,334,176	1,038,121,362	21,212,814
Construction work in progress	25,299,311	18,480,173	6,819,138
Total	1,084,633,487	1,056,601,535	28,031,952
Less: Accumulated depreciation	(595,795,575)	(561,829,334)	(33,966,241)
Total utility plant	488,837,912	494,772,201	(5,934,289)
Other non-current assets:			
Investment - bond reserve funds held by trustee	48,567,702	48,576,863	(9,161)
Unamortized debt issuance costs	2,527,115	4,267,305	(1,740,190)
Total other non-current assets	51,094,817	52,844,168	(1,749,351)
Total assets	867,809,050	918,324,367	(50,515,317)
Deferred outflow of resources:			
Deferred fuel revenue	7,313,081	16,751,048	(9,437,967)
Unamortized loss on debt refunding	27,322,802	11,076,064	16,246,738
Pension	8,698,853	8,698,853	0
Unamortized forward delivery contract costs	491,278	637,358	(146,080)
Total deferred outflows of resources	43,826,014	37,163,323	6,662,691
	911,635,064	955,487,690	(43,852,626)

<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statement of Net Position, Continued</b> <b>August 31, 2018 and September 30, 2017</b>			
	Unaudited August 2018	Audited September 2017	Change from Sept 30 2017
<b>LIABILITIES, DEFERRED INFLOWS OF RESOURCES AND NET POSITION</b>			
Current liabilities:			
Current maturities of long-term debt	1,630,000	1,780,000	(150,000)
Current obligations under capital leases	13,892,874	23,330,193	(9,437,319)
Accounts payable			
Operations	21,734,066	56,723,139	(34,989,073)
Others	2,666,918	7,597,801	(4,930,883)
Accrued payroll and employees' benefits	1,577,098	1,546,860	30,238
Current portion of employees' annual leave	2,070,918	2,045,201	25,717
Interest payable	12,347,409	15,065,830	(2,718,421)
Customer deposits	8,167,793	8,209,228	(41,435)
Total current liabilities	<u>64,087,076</u>	<u>116,298,252</u>	<u>(52,211,176)</u>
Regulatory liabilities:			
Provision for self insurance	<u>19,550,977</u>	<u>19,550,977</u>	<u>0</u>
Total regulatory liabilities	<u>19,550,977</u>	<u>19,550,977</u>	<u>0</u>
Long term debt, net of current maturities	605,043,958	590,568,862	14,475,096
Obligations under capital leases, net of current portion	12,768,685	24,428,832	(11,660,147)
Net Pension liability	81,951,032	85,875,217	(3,924,185)
DCRS sick leave liability	4,008,397	4,008,397	0
Employees' annual leave net of current portion	1,086,456	1,086,456	0
Customer advances for construction	<u>385,293</u>	<u>369,180</u>	<u>16,113</u>
Total liabilities	<u>788,881,874</u>	<u>842,186,173</u>	<u>(53,304,299)</u>
Deferred inflows of resources:			
Unearned forward delivery contract revenue	1,800,721	2,336,071	(535,350)
Pension	<u>788,894</u>	<u>788,894</u>	<u>0</u>
Total deferred inflows of resources	<u>2,589,615</u>	<u>3,124,965</u>	<u>(535,350)</u>
Commitments and contingencies			
Net Position:			
Net investment in capital assets	(45,321,207)	(40,220,468)	(5,100,739)
Restricted	33,866,559	15,232,832	18,633,727
Unrestricted	<u>131,618,222</u>	<u>135,164,187</u>	<u>(3,545,965)</u>
Total net position	<u>120,163,574</u>	<u>110,176,552</u>	<u>9,987,022</u>
	<u>911,635,064</u>	<u>955,487,690</u>	<u>(43,852,626)</u>

<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statement of Revenues, Expenses and Changes in Net Assets</b>						
	August 31		% of change Inc (dec)	Eleven Months Ended August 31		% of change Inc (dec)
	Unaudited 2018	Audited 2017		Unaudited 2018	Audited 2017	
<b>Revenues</b>						
Sales of electricity	32,643,674	31,191,516	5	347,231,234	301,304,326	15
Miscellaneous	214,456	293,607	(27)	2,023,100	2,141,540	(6)
Total	32,858,130	31,485,123	4	349,254,334	303,445,866	15
Bad debt expense	(97,419)	(93,433)	4	(963,253)	(987,363)	(2)
Total revenues	32,760,711	31,391,690	4	348,291,082	302,458,503	15
<b>Operating and maintenance expenses</b>						
Production fuel	19,602,715	16,947,305	16	198,934,230	150,529,481	32
Other production	1,378,498	2,066,709	(33)	15,403,114	14,554,141	6
	20,981,213	19,014,014	10	214,337,344	165,083,622	30
Depreciation	3,146,207	3,718,993	(15)	35,320,567	43,460,200	(19)
Energy conversion cost	1,378,073	1,790,599	(23)	16,138,059	18,166,067	(11)
Transmission & distribution	1,033,595	1,058,314	(2)	11,839,468	10,763,156	10
Customer accounting	556,229	419,085	33	4,938,192	3,828,178	29
Administrative & general	2,894,784	2,807,312	3	28,413,623	23,774,675	20
Total operating and maintenance expenses	29,990,101	28,808,317	4	310,987,253	265,075,898	17
Operating income	2,770,610	2,583,373	7	37,303,829	37,382,605	(0)
<b>Other income (expenses)</b>						
Interest income	372,698	166,469	124	2,736,096	1,375,513	99
Interest expense and amortization	(2,538,375)	(2,765,685)	(8)	(29,120,559)	(31,082,641)	(6)
Bond issuance costs	67,464	76,827	(12)	(1,776,737)	845,097	(310)
Assets written off	0	0		0	0	
Allowance for funds used during construction	123,910	273,825	(55)	1,563,317	3,403,305	(54)
Other expense	(4,291)	(233,550)	0	(835,101)	(768,913)	9
Total other income (expenses)	(1,978,594)	(2,482,114)	(20)	(27,432,984)	(26,227,639)	5
Income (loss) before capital contributions	792,016	101,259	682	9,870,845	11,154,966	(12)
Capital contributions	13,503	101,406	0	116,175	144,712	(20)
Increase (decrease) in net assets	805,519	202,665	297	9,987,020	11,299,678	(12)
Total net assets at beginning of period (restated)	119,358,058	72,919,843	64	110,176,557	61,822,830	78
Total net assets at end of period	120,163,577	73,122,508	64	120,163,577	73,122,508	64

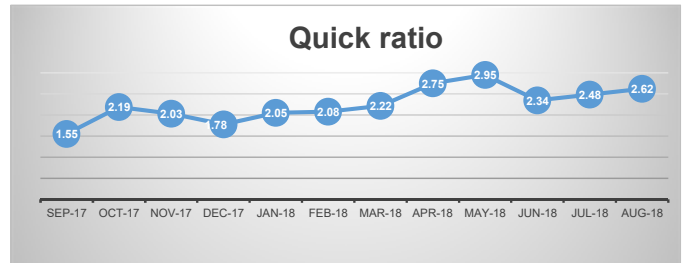
<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statements of Cash Flows</b> <b>Period Ended August, 2018</b>		
	Month Ended 8/31/2018	YTD Ended 8/31/2018
<b>Increase(decrease) in cash and cash equivalents</b>		
Cash flows from operating activities:		
Cash received from customers	\$33,722,421	\$ 347,657,761
Cash payments to suppliers and employees for goods and services	<u>39,686,692</u>	<u>338,773,279</u>
Net cash provided by operating activities	(\$5,964,271)	8,884,482
Cash flows from investing activities:		
Interest and dividends on investments and bank accounts	<u>372,698</u>	<u>2,736,096</u>
Net cash provided by investing activities	372,698	2,736,096
Cash flows from non-capital financing activities		
Proceeds from Cabras 3&4 insurance claims	-	41,844,342
Interest paid on short term debt	(8,805)	(75,890)
Provision for self insurance funds	<u>-</u>	<u>(5,814)</u>
Net cash provided by noncapital financing activities	(8,805)	41,762,639
Cash flows from capital and related financing activities		
Acquisition of utility plant	(1,837,226)	(29,386,276)
Principal paid on bonds and other long-term debt	-	(3,550,000)
Interest paid on bonds(net of capitalized interest)	123,910	(27,213,969)
Interest paid on capital lease obligations	(196,229)	(2,985,803)
Interest & principal funds held by trustee	(2,484,893)	2,752,088
Reserve funds held by trustee	(37,108)	9,161
Bond funds held by trustee	(17,678)	5,913,547
Principal payment on capital lease obligations	(1,947,869)	(21,097,466)
Grant from DOI/FEMA	13,503	116,175
Debt issuance costs/loss on defeasance	(333,577)	17,875,096
Net cash provided by (used in) capital and related financing activities	<u>(6,717,166)</u>	<u>(57,567,447)</u>
Net (decrease) increase in cash and cash equivalents	(12,317,544.81)	(4,184,231)
Cash and cash equivalents, beginning	<u>140,713,203</u>	<u>132,579,889</u>
<b>Cash and cash equivalents-Funds held by GPA, August 31, 2018</b>	<b>\$ 128,395,658</b>	<b>\$ 128,395,658</b>

<b>GUAM POWER AUTHORITY</b> <b>(A COMPONENT UNIT OF THE GOVERNMENT OF GUAM)</b> <b>Statements of Cash Flows, continued</b> <b>Period Ended August, 2018</b>		
	Month Ended 8/31/2018	YTD Ended 8/31/2018
<b>Reconciliation of operating earnings to net cash provided by operating activities:</b>		
Operating earnings net of depreciation expense and excluding interest income	\$2,770,610	\$37,303,829
Adjustments to reconcile operating earnings to net cash provided by operating activities:		
Depreciation and amortization	3,146,207	35,320,567
Other expense	63,173	(2,611,838)
(Increase) decrease in assets:		
Accounts receivable	959,800	(515,930)
Materials and inventory	81,923	(849,169)
Fuel inventory	(5,524,368)	(9,114,109)
Prepaid expenses	967,869	(1,310,809)
Unamortized debt issuance cost	23,667	1,740,190
Deferred fuel revenue	1,109,593	9,437,967
Unamortized loss on debt refunding	229,166	(16,246,738)
Unamortized forward delivery contract costs	13,280	146,080
Increase (decrease) in liabilities:		
Accounts payable-operations	(10,161,420)	(34,989,073)
Accounts payable-others	(559,181)	(4,997,583)
Accrued payroll and employees' benefits	380,282	30,238
Net pension liability	(298,265)	(3,924,185)
Employees' annual leave	(12,551)	25,717
Customers deposits	894,612	(41,435)
Customer advances for construction	-	16,113
Unearned forward delivery contract revenue	(48,668)	(535,350)
<b>Net cash provided by operating activities</b>	<b>(\$5,964,271)</b>	<b>\$ 8,884,482</b>

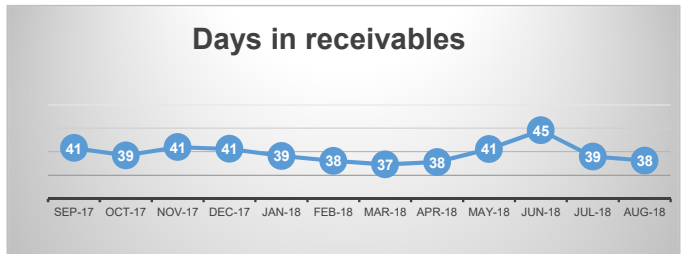
**Guam Power Authority  
Financial Analysis  
August 31, 2018**

**Quick Ratio**

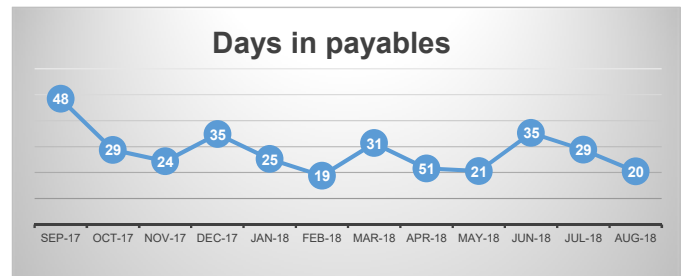
A	Reserve Funds Held by GPA	128,395,658
B	Current Accounts Receivable	39,378,379
C	Total Cash and A/R (A+B)	167,774,037
D	Total Current Liabilities	64,087,076
E	<b>Quick Ratio (F/G)</b>	<b>2.62</b>

**Days in Receivables**

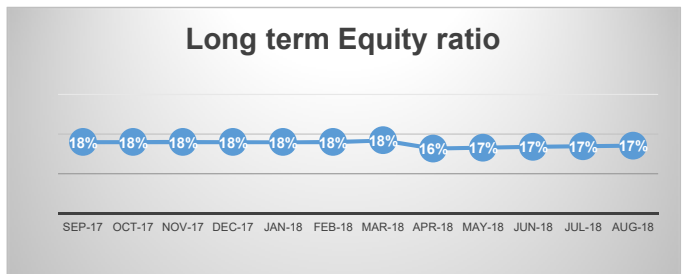
A	FY 18 Moving 12 Mos.-Actual	377,000,962
B	No. of Days	365
C	Average Revenues per day (A/B)	1,032,879
D	Current Accounts Receivable	39,378,379
E	<b>Days in Receivables (D/C)</b>	<b>38</b>

**Days in Payables**

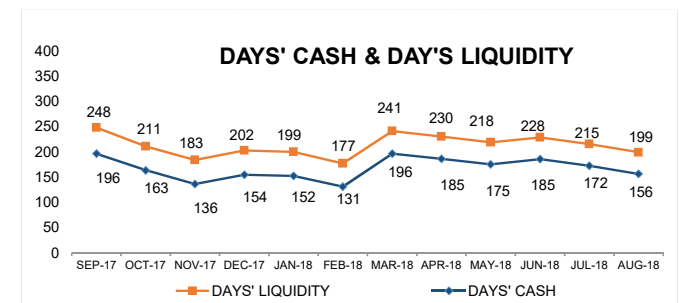
A	FY 18 Moving 12 Months-Actual	435,895,481
B	No. of Days	365
C	Average Payables per day (A/B)	1,194,234
D	Current Accounts Payables	24,400,984
E	<b>Days in Payables (D/C)</b>	<b>20</b>

**Long term equity ratio**

A	Equity	\$ 120,163,574.00
B	Total Long term Liability	\$ 581,805,433.00
C	Total Equity and liability	\$ 701,969,007.00
D	<b>Long term equity ratio (A/C)</b>	<b>17%</b>

**Days cash on hand**

A	Unrestricted cash & cash equivalents	128,396
B	No. of Days -YTD	335
C	A x B	43,012,545
D	Total Operating expenses excluding deprec	275,667
E	<b>Days cash on hand</b>	<b>156</b>

**Days' Liquidity**

A	Unrestricted cash , cash equivalents & rev	163,396
B	No. of Days -YTD	335
C	A x B	54,737,545
D	Total Operating expenses excluding deprec	275,667
E	<b>Days liquidity</b>	<b>199</b>

**GPA 302**  
**18-Sep-18**
**GUAM POWER AUTHORITY**  
**ACCRUED REVENUE**  
**AUGUST 2018**

		<b>FOR THE MONTH ENDED</b>		<b>ELEVEN MONTHS ENDED</b>	
		<b>AUGUST</b>		<b>AUGUST</b>	
		<b>2018</b>	<b>2017</b>	<b>2018</b>	<b>2017</b>
<b>KWH SALES:</b>					
Residential		39,748,314	44,434,719	458,139,237	464,844,586
Small Gen. Non Demand		6,737,467	7,347,440	75,290,906	76,877,608
Small Gen. Demand		15,283,605	16,488,257	170,586,991	174,541,517
Large General		24,724,982	27,038,013	283,795,009	289,141,197
Independent Power Producer		30,251	57,754	450,006	927,237
Private St. Lights		33,511	33,324	368,123	415,876
	Sub-total	86,558,130	95,399,508	988,630,272	1,006,748,022
<b>Government Service:</b>					
Small Non Demand		1,205,730	1,243,487	13,237,197	12,656,139
Small Demand		7,641,330	8,147,386	85,863,776	88,794,233
Large		6,179,381	6,520,699	68,776,531	68,404,520
Street Lighting		842,364	877,130	8,311,252	8,817,604
	Sub-total	15,868,805	16,788,702	176,188,757	178,672,497
	Total	102,426,935	112,188,210	1,164,819,030	1,185,420,519
U. S. Navy		24,921,140	26,608,721	283,298,305	291,679,581
	GRAND TOTAL	127,348,076	138,796,930	1,448,117,335	1,477,100,100
<b>REVENUE:</b>					
Residential		9,971,178	9,762,810	108,487,456	91,714,657
Small Gen. Non Demand		1,962,561	1,902,660	20,885,432	18,256,735
Small Gen. Demand		4,192,538	3,964,157	44,361,361	38,377,244
Large General		6,427,049	6,028,539	68,748,114	58,535,001
Independent Power Producer		7,924	14,804	108,718	193,955
Private St. Lights		26,189	25,094	282,647	281,596
	Sub-total	22,587,439	21,698,063	242,873,729	207,359,188
<b>Government Service:</b>					
Small Non Demand		366,623	332,325	3,822,167	3,179,930
Small Demand		2,213,718	2,052,253	23,435,788	20,779,787
Large		1,733,549	1,573,445	18,172,081	15,404,285
Street Lighting		499,032	516,047	5,079,845	5,001,887
	Sub-total	4,812,921	4,474,070	50,509,881	44,365,889
	Total	27,400,361	26,172,133	293,383,609	251,725,076
U. S. Navy		5,243,314	5,019,382	53,847,624	49,579,251
	GRAND TOTAL	32,643,674	31,191,516	347,231,234	301,304,327
<b>NUMBER OF CUSTOMERS:</b>					
Residential		44,005	43,969	44,017	43,165
Small Gen. Non Demand		4,185	4,134	4,158	4,061
Small Gen. Demand		984	981	985	1,001
Large General		118	115	119	119
Independent Power Producer		2	3	2	2
Private St. Lights		525	527	529	532
	Sub-total	49,819	49,729	49,809	48,879
<b>Government Service:</b>					
Small Non Demand		683	678	686	693
Small Demand		354	351	351	339
Large		47	45	47	44
Street Lighting		614	297	477	162
	Sub-total	1,698	1,371	1,561	1,238
	Total	51,517	51,100	51,370	50,117
US Navy		1	1	1	1
		51,518	51,101	51,371	50,118

GPA Work Session - October 18, 2018 - DIVISION REPORTS

GPA403 18-Sep-18		GUAM POWER AUTHORITY ACCRUED REVENUE												
	TWELVE MONTHS ENDING	AUGUST 2018	JULY 2018	JUNE 2018	MAY 2018	APRIL 2018	MARCH 2018	FEBRUARY 2018	JANUARY 2018	DECEMBER 2017	NOVEMBER 2017	OCTOBER 2017	SEPTEMBER 2017	
KWH SALES:														
Residential	499,630,253	39,748,314	41,361,122	42,056,621	44,782,019	41,394,961	41,541,824	36,809,815	42,067,765	43,307,944	43,386,853	41,682,000	41,491,015	
Small General Non Demand	82,312,998	6,737,467	6,743,157	6,840,318	7,216,684	6,694,385	6,976,607	6,154,115	6,844,713	6,956,278	7,060,041	7,067,142	7,022,092	
Small General Demand	186,096,399	15,283,605	15,161,689	15,360,000	16,316,998	15,390,268	15,917,309	14,164,319	15,562,774	15,848,505	15,789,397	15,792,127	15,509,408	
Large General	309,227,043	24,724,982	25,339,577	25,263,128	26,377,222	25,681,619	26,155,199	23,674,407	26,242,185	27,485,887	26,267,661	26,583,141	25,432,034	
Private Outdoor Lighting	444,655	33,511	34,288	37,088	34,126	27,531	32,791	32,408	32,358	35,129	35,042	33,851	76,532	
Independent Power Producer	484,592	30,251	30,088	25,238	26,295	27,405	28,536	28,976	27,011	40,140	93,823	92,244	34,586	
Sub-Total	1,078,195,938	86,558,130	88,669,920	89,582,394	94,753,344	89,216,169	90,652,265	80,864,040	90,776,805	93,673,883	92,632,817	91,250,505	89,565,666	
Government Service:	988,630,272													
Small Non Demand	14,483,303	1,205,730	1,128,046	1,157,839	1,224,286	1,180,911	1,193,794	1,119,571	1,248,251	1,272,026	1,255,131	1,251,612	1,246,106	
Small Demand	93,948,144	7,641,330	7,182,975	7,404,715	8,098,401	7,720,850	7,889,205	7,377,578	8,102,981	8,063,549	8,098,974	8,283,218	8,084,368	
Large	75,269,980	6,179,381	5,707,305	5,896,149	6,622,597	6,142,309	6,226,210	5,905,830	6,315,619	6,812,255	6,550,623	6,418,254	6,493,449	
Street Lighting (Agencies)	9,008,255	842,364	803,135	795,661	761,901	699,601	743,499	669,689	716,067	697,921	668,464	812,949	697,002	
Sub-Total	192,709,682	15,868,805	14,921,461	15,254,364	16,707,185	15,743,671	16,052,709	15,072,669	16,382,918	16,845,750	16,573,193	16,766,033	16,520,925	
Total	1,270,905,620	102,426,935	103,591,381	104,836,757	111,460,529	104,959,840	106,704,974	95,936,708	107,159,724	110,519,633	109,206,010	108,016,537	106,086,591	
U.S. Navy	310,204,625	24,921,140	25,089,942	24,891,007	26,624,376	25,605,624	25,988,485	23,304,608	26,722,147	28,067,673	26,837,883	25,245,420	26,906,320	
Grand Total	1,581,110,246	127,348,076	128,681,323	129,727,764	138,084,906	130,565,464	132,693,459	119,241,316	133,881,870	138,587,306	136,043,893	133,261,957	132,992,911	
REVENUE:														
Residential	\$ 117,374,776	\$ 9,971,178	\$ 10,379,963	\$ 10,487,819	\$ 11,371,498	\$ 10,082,308	\$ 10,154,660	\$ 9,633,432	\$ 9,885,179	\$ 9,238,911	\$ 9,263,463	\$ 8,919,044	\$ 8,887,320	
Small General Non Demand	\$ 22,669,430	\$ 1,962,561	\$ 1,975,429	\$ 1,969,294	\$ 2,127,563	\$ 1,903,541	\$ 1,988,097	\$ 1,869,658	\$ 1,741,922	\$ 1,765,223	\$ 1,789,263	\$ 1,792,881	\$ 1,783,997	
Small General Demand	\$ 48,053,633	\$ 4,192,538	\$ 4,181,623	\$ 4,150,658	\$ 4,513,787	\$ 4,108,079	\$ 4,266,730	\$ 4,006,949	\$ 3,714,258	\$ 3,769,415	\$ 3,699,298	\$ 3,758,026	\$ 3,692,273	
Large General	\$ 74,391,173	\$ 6,427,049	\$ 6,510,707	\$ 6,533,909	\$ 6,798,955	\$ 6,399,879	\$ 6,565,683	\$ 6,086,686	\$ 5,762,313	\$ 6,067,740	\$ 5,793,817	\$ 5,801,375	\$ 5,643,059	
Private Outdoor Lighting	\$ 308,008	\$ 26,189	\$ 26,302	\$ 27,542	\$ 26,776	\$ 22,912	\$ 25,785	\$ 25,733	\$ 25,133	\$ 25,553	\$ 25,471	\$ 25,250	\$ 25,361	
Independent Power Producer	\$ 125,795	\$ 7,924	\$ 9,619	\$ 6,601	\$ 7,068	\$ 7,057	\$ 7,406	\$ 7,969	\$ 6,029	\$ 9,249	\$ 20,053	\$ 19,744	\$ 17,076	
Sub-Total	\$ 262,922,815	\$ 22,587,439	\$ 23,083,643	\$ 23,175,823	\$ 24,845,648	\$ 22,523,776	\$ 23,008,362	\$ 21,630,428	\$ 20,234,834	\$ 20,876,091	\$ 20,591,366	\$ 20,316,320	\$ 20,049,087	
Government Service:														
Small Non Demand	\$ 4,155,245	\$ 366,623	\$ 343,795	\$ 354,533	\$ 372,707	\$ 350,949	\$ 356,541	\$ 335,126	\$ 332,434	\$ 341,017	\$ 334,963	\$ 333,478	\$ 333,079	
Small Demand	\$ 25,486,080	\$ 2,213,718	\$ 2,081,391	\$ 2,159,463	\$ 2,323,025	\$ 2,164,585	\$ 2,224,973	\$ 2,094,220	\$ 2,016,922	\$ 2,046,340	\$ 2,043,720	\$ 2,067,433	\$ 2,050,292	
Large	\$ 19,747,161	\$ 1,733,549	\$ 1,609,173	\$ 1,667,786	\$ 1,840,797	\$ 1,676,200	\$ 1,707,269	\$ 1,628,297	\$ 1,525,771	\$ 1,652,805	\$ 1,583,988	\$ 1,546,446	\$ 1,575,080	
Street Lighting (Agencies)	\$ 5,516,654	\$ 499,032	\$ 568,447	\$ 477,183	\$ 477,272	\$ 452,952	\$ 455,729	\$ 439,995	\$ 427,482	\$ 416,951	\$ 419,351	\$ 445,451	\$ 436,808	
Sub-Total	\$ 54,905,140	\$ 4,812,921	\$ 4,602,806	\$ 4,658,965	\$ 5,013,801	\$ 4,644,687	\$ 4,744,512	\$ 4,497,638	\$ 4,302,609	\$ 4,457,113	\$ 4,382,022	\$ 4,392,807	\$ 4,395,259	
Total	\$ 317,827,955	\$ 27,400,361	\$ 27,686,449	\$ 27,834,788	\$ 29,859,448	\$ 27,168,463	\$ 27,752,874	\$ 26,128,065	\$ 24,537,443	\$ 25,333,204	\$ 24,973,388	\$ 24,709,127	\$ 24,444,346	
U.S. Navy	\$ 59,173,007	\$ 5,243,314	\$ 5,217,194	\$ 4,618,042	\$ 5,005,555	\$ 5,623,411	\$ 5,202,943	\$ 4,155,974	\$ 5,033,103	\$ 4,642,130	\$ 4,254,065	\$ 4,851,893	\$ 5,325,383	
Grand Total	\$ 377,000,962	\$ 32,643,674	\$ 32,903,643	\$ 32,452,830	\$ 34,865,003	\$ 32,791,874	\$ 32,955,817	\$ 30,284,040	\$ 29,570,546	\$ 29,975,334	\$ 29,227,453	\$ 29,561,020	\$ 29,769,728	
NUMBER OF CUSTOMERS:														
Residential	44,014	44,005	44,003	44,074	44,086	43,991	44,065	43,995	44,119	43,898	43,996	43,950	43,991	
Small General Non Demand	4,156	4,185	4,183	4,173	4,172	4,183	4,154	4,153	4,142	4,129	4,131	4,134	4,127	
Small General Demand	984	984	982	984	988	988	987	991	981	981	982	982	980	
Large General	118	118	119	119	119	119	119	118	119	118	117	119	116	
Private Outdoor Lighting	529	525	531	532	533	536	526	527	527	530	527	530	526	
Independent Power Producer	2	2	2	2	2	2	2	2	2	3	3	3	3	
Sub-Total	49,804	49,819	49,820	49,884	49,900	49,819	49,853	49,786	49,890	49,659	49,756	49,718	49,743	
Government Service:														
Small Non Demand	685	683	690	694	691	692	689	684	686	679	678	676	675	
Small Demand	351	354	351	351	350	350	350	351	350	350	354	351	353	
Large	47	47	47	47	47	47	47	47	47	47	47	46	45	
Street Lighting (Agencies)	462	614	612	559	526	513	479	421	389	378	378	377	297	
Sub-Total	1,545	1,698	1,700	1,651	1,614	1,602	1,565	1,503	1,472	1,454	1,457	1,450	1,370	
Total	51,349	51,517	51,520	51,535	51,514	51,421	51,418	51,289	51,362	51,113	51,213	51,168	51,113	
U.S. Navy	1	1	1	1	1	1	1	1	1	1	1	1	1	
Grand Total	51,350	51,518	51,521	51,536	51,515	51,422	51,419	51,290	51,363	51,114	51,214	51,169	51,114	



GPA Work Session - October 18, 2018 - DIVISION REPORTS

GPA303

**GUAM POWER AUTHORITY  
ACCRUED REVENUE  
AUGUST 2018**

RATE	NUMBER OF CUSTOMERS	KWH SALES	TOTAL REVENUE		BASE RATE REVENUE		AVERAGE PER CUSTOMER		NON-FUEL		FUEL	
			AMOUNT	C/KWH	C/KWH	AMOUNT	KWH	REVENUE	C/KWH	AMOUNT	C/KWH	AMOUNT
Month												
R Residential	44,005	39,748,314	9,971,178	25.09	25.09	9,971,178	903	227	9.6616	3,840,319	15.4242	6,130,859
G Small Gen. Non Demand	4,185	6,737,467	1,962,561	29.13	29.13	1,962,561	1,610	469	13.7049	923,361	15.4242	1,039,200
J Small Gen. Demand	984	15,283,605	4,192,538	27.43	27.43	4,192,538	15,532	4,261	12.0133	1,836,069	15.4183	2,356,468
P Large General	118	24,724,982	6,427,049	25.99	25.99	6,427,049	209,534	54,467	10.6342	2,629,314	15.3599	3,797,734
I Independent Power Produce	2	30,251	7,924	26.19	26.19	7,924	15,126	3,962	11.3049	3,420	14.8892	4,504
H Private St. Lights	525	33,511	26,189	78.15	78.15	26,189	64	50	62.7267	21,021	15.4242	5,169
Sub-Total	49,819	86,558,130	22,587,439	26.10	26.10	22,587,439	1,737	453	10.6905	9,253,504	15.4046	13,333,936
Government Service:												
S Small Non Demand	683	1,205,730	366,623	30.41	30.41	366,623	1,765	537	14.9825	180,648	15.4242	185,974
K Small Demand	354	7,641,330	2,213,718	28.97	28.97	2,213,718	21,586	6,253	13.5461	1,035,104	15.4242	1,178,614
L Large	47	6,179,381	1,733,549	28.05	28.05	1,733,549	131,476	36,884	12.8109	791,633	15.2429	941,916
F Street Lighting (Agencies)	614	842,364	499,032	59.24	59.24	499,032	1,372	813	43.8177	369,104	15.4242	129,928
Sub-Total	1,698	15,668,805	4,812,921	30.33	30.33	4,812,921	9,346	2,834	14.9759	2,376,489	15.3536	2,436,432
U.S. Navy	51,517	102,426,935	27,400,361	56.42	56.42	27,400,361	1,988	532	11.3544	11,629,993	15.9967	15,770,368
	1	24,921,140	5,243,314	21.04	21.04	5,243,314			5.6839	1,416,504	15.3557	3,826,809
TOTAL	51,518	127,348,076	32,643,674	25.63	25.63	32,643,674	2,472	634	10.2448	13,046,497	15.3887	19,597,177
Eleven Months Ending August 2018												
R Residential	44,017	458,139,237	108,487,456	23.68	23.68	108,487,456	10,408	2,465	9.6231	44,087,286	14.0569	64,400,170
G Small Gen. Non Demand	4,158	75,290,906	20,885,432	27.74	27.74	20,885,432	18,107	5,023	13.6754	10,296,337	14.0642	10,589,095
J Small Gen. Demand	985	170,586,991	44,361,361	26.01	26.01	44,361,361	173,265	45,058	11.9771	20,431,354	14.0280	23,930,007
P Large General	119	283,795,009	68,748,114	24.22	24.22	68,748,114	2,393,976	579,930	10.3882	29,481,143	13.8364	39,266,971
I Independent Power Produce	529	450,006	108,718	24.16	24.16	108,718	850	205	11.3722	51,176	12.7871	57,543
H Private St. Lights	2	368,123	282,647	76.78	76.78	282,647	161,974	124,365	62.8853	231,495	13.8954	51,152
Sub-Total	49,809	988,630,272	242,873,729	24.57	24.57	242,873,729	19,848	4,876	10.5781	104,578,791	13.9885	138,294,937
Government Service:												
S Small Non Demand	685	13,237,197	3,822,167	28.87	28.87	3,822,167	19,331	5,582	15.0211	1,988,374	13.8533	1,833,793
K Small Demand	351	85,863,776	23,435,788	27.29	27.29	23,435,788	244,452	66,721	13.4412	11,541,159	13.8529	11,894,629
L Large	47	68,776,531	18,172,081	26.42	26.42	18,172,081	1,471,156	388,708	12.7360	8,759,365	13.6859	9,412,716
F Street Lighting (Agencies)	462	8,311,252	5,079,845	61.12	61.12	5,079,845	17,993	10,997	47.1456	3,918,392	13.9745	1,161,454
Sub-Total	1,545	176,188,757	50,509,881	28.67	28.67	50,509,881	114,063	32,700	14.8746	26,207,289	13.7935	24,302,592
U.S. Navy	1	1,164,819,030	293,383,609	25.19	25.19	293,383,609			11.2280	130,786,080	13.9590	162,597,529
		283,298,305	53,847,624	19.01	19.01	53,847,624			6.1830	17,516,468	12.8243	36,331,156
TOTAL	51,355	1,448,117,335	347,231,234	23.98	23.98	347,231,234	28,198	6,761	10.2411	148,302,548	13.7371	198,928,685
Twelve Months Ending August 2018												
R Residential	44,014	499,630,253	117,374,776	23.49	23.49	117,374,776	11,352	2,667	9.6252	48,090,367	13.8671	69,284,409
G Small Gen. Non Demand	4,156	82,312,998	22,669,430	27.54	27.54	22,669,430	19,808	5,455	13.6718	11,253,708	13.8687	11,415,722
J Small Gen. Demand	984	186,096,399	48,053,633	25.82	25.82	48,053,633	189,090	48,827	11.9822	22,298,504	13.8397	25,755,130
P Large General	118	309,227,043	74,391,173	24.06	24.06	74,391,173	2,613,186	628,658	10.3955	32,145,567	13.6617	42,245,606
I Independent Power Produce	2	484,592	125,795	25.96	25.96	125,795	207,682	53,912	12.2850	59,532	13.6739	66,262
H Private St. Lights	529	444,655	308,008	69.27	69.27	308,008	840	582	56.8497	252,785	12.4194	55,223
Sub-Total	49,804	1,078,195,938	262,922,815	24.39	24.39	262,922,815	21,649	5,279	10.5825	114,100,463	13.8029	148,822,353
Government Service:												
S Small Non Demand	685	14,483,303	4,155,245	28.69	28.69	4,155,245	21,151	6,068	15.0157	2,174,763	13.6742	1,980,482
K Small Demand	351	93,948,144	25,486,080	27.13	27.13	25,486,080	267,468	72,558	13.4540	12,639,775	13.6738	12,846,305
L Large	47	75,269,980	19,747,161	26.24	26.24	19,747,161	1,610,053	422,399	12.7263	9,579,111	13.5088	10,168,050
F Street Lighting (Agencies)	462	9,008,255	5,516,654	61.24	61.24	5,516,654	19,502	11,943	47.4359	4,273,150	13.8040	1,243,503
Sub-Total	1,545	192,709,682	54,905,140	28.49	28.49	54,905,140	124,758	35,545	14.8756	28,666,799	13.6155	28,238,340
U.S. Navy	51,349	1,270,905,620	317,827,955	25.01	25.01	317,827,955	24,751	40,824	11.2335	142,767,262	13.7745	175,060,693
	1	310,204,625	59,173,007	19.08	19.08	59,173,007			6.2571	19,409,714	12.8184	39,763,293
TOTAL	51,350	1,581,110,246	377,000,962	23.84	23.84	377,000,962	30,791	7,342	10.2572	162,176,976	13.5869	214,823,985

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FY 2018 Versus FY 2017

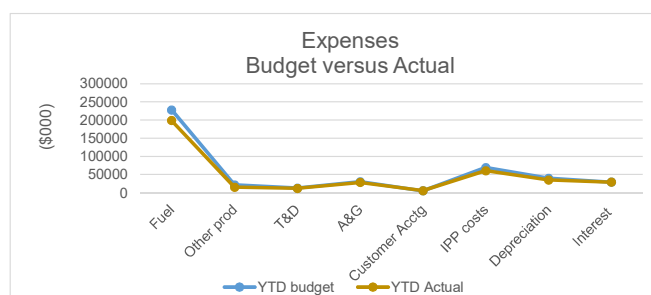
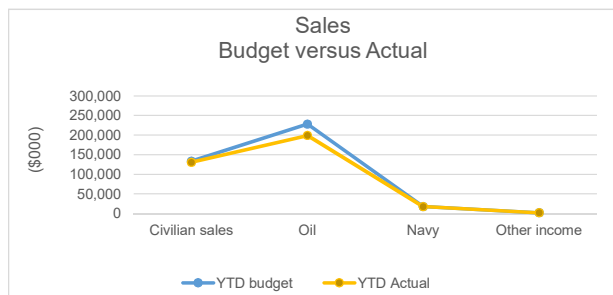
Gross Generation Number of days in Period Peak demand Date	August 2018		August 2017		Y T D 2018		Y T D 2017		MOVING TWELVE MONTHS	
	31		31		335		273		365	
	238		261		254		257		261	
	08/13/18		08/01/17		10/30/17		06/13/17		08/01/17	
	KWH	% change	KWH	% change	KWH	% change	KWH	% change	KWH	% change
Energy Account:										
Kilowatt hours GPA:										
Cabras 1 & 2	67,247,000		27,265,000		611,688,000		651,614,000		655,067,000	
Cabras No. 3	0		0		0		0		0	
Cabras No. 4	0		0		0		0		0	
MEC (ENRON) Piti 8 (IPP)	23,443,700		29,367,000		291,335,100		291,354,200		319,614,600	
MEC (ENRON) Piti 9 (IPP)	25,437,500		29,240,300		298,487,700		280,540,600		326,009,400	
TEMES Piti 7 (IPP)	8,343,197		11,922,238		31,518,845		37,638,539		40,861,674	
Tanguisson 2	0		0		0		0		0	
Tanguisson 1	0		0		0		0		0	
Diesels/CT's & Others:										
MDI 10MW	14,231		12,690		985,867		2,257,627		985,867	
NRG Solar Dandan	3,269,947		3,808,792		42,957,691		39,219,573		46,928,920	
Dededo CT #1	292,070		2,541,390		7,515,290		4,322,130		10,316,460	
Dededo CT #2	341,500		1,731,840		7,409,430		4,618,222		8,623,800	
Macheche CT	85,781		8,344,855		45,441,915		47,833,186		53,176,285	
Yigo CT (Leased)	3,416,266		4,500,189		42,426,166		34,408,654		49,393,458	
Tenjo	607,500		6,016,910		38,983,230		40,182,940		44,257,770	
Talofofo 10 MW	14,580		3,104,830		13,311,900		17,068,080		15,015,210	
Aggreko	9,125,854		23,180,682		155,847,554		166,836,749		162,457,344	
Wind Turbine*	0		9,656		311,968		380,429		318,734	
Orote	0		0		0		0		0	
Marbo	0		0		0		0		0	
	141,639,127		151,046,372		1,588,220,655		1,618,274,930		1,733,026,521	
Ratio to last year		93.77		101.91		98.14		102.44		98.50
Station use	5,899,456		4,281,028		58,010,378		60,694,484		63,210,890	
Ratio to Gross generation		4.17		2.83		3.65		3.75		3.65
Net send out	135,739,671		146,765,344		1,530,210,276		1,557,580,446		1,669,815,631	
Ratio to last year		92.49		102.98		98.24		102.51		98.57
KWH deliveries:										
Sales to Navy (@34.5kv)	24,921,140		26,608,721		283,298,305		291,679,583		310,204,625	
Ratio to last year		93.66		98.93		97.13		99.60		97.65
GPA-metered	110,818,531		120,156,623		1,246,911,971		1,265,900,863		1,359,611,006	
Ratio to last year		92.23		104.03		98.50		103.21		98.78
Power factor adj.	0		0		0		0		0	
Adjusted	110,818,531		120,156,623		1,246,911,971		1,265,900,863		1,359,611,006	
GPA KWH Accountability:										
Sales to civilian customers- accrual basis	102,426,935		112,188,210		1,164,819,028		1,185,420,521		1,270,905,619	
Ratio to last year		91.30		103.62		98.26		103.03		98.57
GPA use-KWH	332,032		275,157		3,597,756		2,892,081		3,849,912	
Unaccounted For	8,059,563		7,693,256		78,495,188		77,588,261		84,855,475	
Ratio to deliveries		7.27		6.40		6.30		6.13		6.24
Ratio to Gross Generation		5.69		5.09		4.94		4.79		4.90
Ratio to Net Send Out		5.94		5.24		5.13		4.98		5.08

GPA-317Aug18

**Guam Power Authority**  
**Fuel Consumption**  
**FY 2018**

Description	August 2018		YEAR-TO-DATE		MOVING 12 MONTHS	
	BARRELS	AMOUNT	BARRELS	AMOUNT	BARREL S	AMOUNT
<b>FUEL FURNISHED:</b>						
<b>NAVY:</b>						
Diesel	0	0	0	0	0	0
Low Sulfur	0	0	0	0	0	0
	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>GPA:</b>						
RFO	79,153	\$5,704,990	1,481,912	\$ 94,122,385	1,567,365	\$ 98,959,761
Diesel	48,925	\$4,892,244	692,131	\$ 61,333,041	781,082	\$ 67,865,435
Low Sulfur	101,850	\$6,770,736	331,672	\$ 20,700,965	390,885	\$ 24,340,703
Deferred Fuel Costs	0	\$1,109,593	0	\$ 9,437,967	0	\$ 8,327,909
Fuel Adjustments	0	-\$268,285		\$ (1,015,826)	0	\$ (1,154,421)
Fuel Handling Costs	0	\$1,387,900	0	\$ 14,350,158	0	\$ 16,484,604
	<b>229,929</b>	<b>\$19,597,177</b>	<b>2,505,715</b>	<b>\$ 198,928,690</b>	<b>2,739,332</b>	<b>\$ 214,823,990</b>
<b>IWPS:</b>						
GPA RFO	79,153	\$5,704,990	1,481,912	\$ 94,122,385	1,567,365	\$ 98,959,761
Diesel	48,925	\$4,892,244	692,131	\$ 61,333,041	781,082	\$ 67,865,435
Low Sulfur	101,850	\$6,770,736	331,672	\$ 20,700,965	390,885	\$ 24,340,703
Deferred Fuel Costs	0	\$1,109,593	0	\$ 9,437,967	0	\$ 8,327,909
Fuel Variance	0	-\$268,285	0	\$ (1,015,826)		\$ (1,154,421)
Fuel Handling Costs	0	\$1,387,900	0	\$ 14,350,158	0	\$ 16,484,604
	<b>229,929</b>	<b>\$19,597,177</b>	<b>2,505,715</b>	<b>\$ 198,928,690</b>	<b>2,739,332</b>	<b>\$ 214,823,990</b>
<b>AVERAGE COST/Bbl.</b>						
GPA RFO		<b>\$72.08</b>		<b>\$63.51</b>		<b>\$63.14</b>
Diesel		<b>\$99.99</b>		<b>\$88.61</b>		<b>\$86.89</b>
Low Sulfur		<b>\$66.48</b>		<b>\$62.41</b>		<b>\$62.27</b>
<b>AS BURNED</b>						
<b>Cabras 1 &amp; 2</b>						
RFO	49,024	\$ 3,533,451	818,720	\$ 52,001,111	858,708	\$ 54,264,799
Low Sulfur	66,974	\$ 4,505,778	202,977	\$ 12,753,366	235,186	\$ 14,733,218
Diesel	<u>79</u>	<u>\$ 7,036</u>	<u>2,066</u>	<u>\$ 167,842</u>	<u>2,342</u>	<u>\$ 188,018</u>
	116,077	\$ 8,046,266	1,023,762	\$ 64,922,320	1,096,236	\$ 69,186,034
<b>Cabras 3 &amp; 4</b>						
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	\$ -
<b>MEC (Piti Units 8&amp;9)</b>						
RFO	30,129	\$ 2,171,539	663,192	\$ 42,121,273	708,656	\$ 44,694,962
Low Sulfur	34,877	\$ 2,264,958	128,696	\$ 7,947,599	155,699	\$ 9,607,485
Diesel	<u>23</u>	<u>\$ 1,657</u>	<u>61</u>	<u>\$ 3,784</u>	<u>61</u>	<u>\$ 3,784</u>
	65,029	\$ 4,438,154	791,948	\$ 50,072,657	864,417	\$ 54,306,231
<b>Diesel &amp; CT's - GPA:</b>						
MDI Dsl	0	\$ -	1,561	\$ 108,767	1,561	\$ 108,767
Macheche CT	164	\$ 16,043	97,521	\$ 8,436,393	114,242	\$ 9,662,288
Yigo CT	7,077	\$ 685,444	89,015	\$ 7,933,851	102,810	\$ 8,950,494
Talofofo 10 MW	0	\$ -	22,451	\$ 1,982,147	25,299	\$ 2,189,474
Aggreko	16,752	\$ 1,728,617	286,871	\$ 25,333,673	298,960	\$ 26,211,282
Tenjo	871	\$ 87,434	66,701	\$ 6,065,071	75,984	\$ 6,762,495
TEMES (IPP)	21,835	\$ 2,152,615	80,680	\$ 7,205,263	103,165	\$ 8,853,746
GWA Generators	<u>232</u>	<u>\$ 27,259</u>	<u>990</u>	<u>\$ 116,351</u>	<u>1,316</u>	<u>\$ 154,786</u>
	48,823	\$ 4,883,551	690,005	\$ 61,161,414	778,679	\$ 67,673,633
Deferred Fuel Costs	0	\$ 1,109,593		\$ 9,437,967		\$ 8,327,909
Adjustment		\$ (268,285)		\$ (1,015,826)		\$ (1,154,421)
Fuel Handling Costs	<u>0</u>	<u>\$ 1,387,900</u>		<u>\$ 14,350,158</u>		<u>\$ 16,484,604</u>
<b>TOTAL</b>	<b>229,929</b>	<b>\$ 19,597,177</b>	<b>2,505,715</b>	<b>\$ 198,928,690</b>	<b>2,739,332</b>	<b>\$ 214,823,990</b>

Statement of operations Comparison-Budget versus Actual For the month and year to date ended August 31, 2018						
	Budget	Actual August-18	Variance	YTD Budget	YTD Actual	Variance
KwH Sales-Civilian	112,245	102,427	9,818	1,194,610	1,164,819	29,791
Non-fuel yield	\$ 0.105640	\$ 0.113544	\$ (0.007904)	\$ 0.111731	\$ 0.112281	\$ (0.000550)
KwH Sales-Navy	26,848	24,921	1,927	290,381	283,298	7,083
Non-fuel yield	\$ 0.061774	\$ 0.056860	\$ 0.004914	\$ 0.061774	\$ 0.061829	\$ (0.000055)
Operating revenue						
Civilian sales	12,524	11,630	894	133,475	130,787	2,688
Oil	21,369	19,597	1,772	228,143	198,928	29,215
Navy	1,659	1,417	242	17,938	17,516	422
Other income	169	214	(45)	1,861	2,023	(162)
	35,721	32,858	2,863	381,417	349,254	32,163
Bad debts expense	87	97	(11)	953	963	(10)
Total operating revenues	35,635	32,761	2,874	380,464	348,291	32,173
Operating expenses:						
Production fuel	21,369	19,603	1,766	228,143	198,934	29,208
O & M expenses:						
Other production	1,966	1,378	588	21,400	15,403	5,997
Transmission distribution	1,364	1,034	330	12,823	11,839	983
Administrative expense	2,711	2,895	(184)	30,688	28,414	2,274
Customer accounting	335	556	(221)	4,407	4,938	(531)
	6,376	5,863	513	69,318	60,594	8,724
IPP costs	1,383	1,378	5	15,972	16,138	(166)
Depreciation	3,635	3,146	489	39,984	35,321	4,663
	32,763	29,990	2,773	353,416	310,987	42,429
Operating income	2,872	2,771	101	27,048	37,304	(10,256)
Other revenue (expenses):						
Investment income	99	373	(274)	1,085	2,736	(1,651)
Interest expense	(2,654)	(2,538)	(116)	(29,203)	(29,121)	(82)
AFUDC	61	124	(63)	669	1,563	(894)
Bond issuance costs/Other expenses	135	63	71	1,481	(2,612)	4,092
Net income before capital contribution	512	792	(282)	1,080	9,871	(8,792)
Grants from the U.S. Government	-	14	(14)	-	116	(116)
Increase (decrease) in net assets	512	806	(295)	1,080	9,987	(8,908)



**Guam Power Authority**  
**Debt service coverage**  
**August 31, 2018**

	2014	2015	Restated 2016	2017	YTD 2018
<b>Funds Available for Debt Service</b>					
Earnings from Operations	\$ 40,895	\$ 48,758	\$ 37,981	\$ 36,522	\$ 37,304
Interest Income	333	368	1,227	(32)	850
Depreciation Expense	36,989	41,766	44,240	44,292	35,321
Balance Available for Debt Service	\$ 78,217	\$ 90,892	\$ 83,448	\$ 80,782	\$ 73,474
<b>IPP - Capital Costs</b>					
Principal	\$ 13,064	\$ 18,144	\$ 14,819	\$ 21,263	\$ 21,327
Interest	10,020	8,478	5,970	5,137	2,896
Total IPP Payments	\$ 23,084	\$ 26,622	\$ 20,789	\$ 26,400	\$ 24,224
<b>Bond Debt Service</b>					
Principal (1993 & 1999 Revenue Bond)	\$ -	\$ -	\$ -	\$ -	\$ -
Interest (1993 & 1999 Revenue Bond)	-	-	-	-	-
Principal and Interest (2010 Subordinate Bond)	15,193	9,605	-	-	-
Principal and Interest (2010 Senior TE Bond)	7,999	7,999	7,999	7,999	2,000
Principal and Interest (2012 Senior TE Bond)	17,455	17,096	17,098	17,449	15,662
Principal and Interest (2014 Senior TE Bond)	-	-	10	5,084	4,660
Principal and Interest (2017 Senior TE Bond)	-	-	-	-	5,279
Total	\$ 40,647	\$ 34,700	\$ 25,107	\$ 30,532	\$ 27,601
<b>Debt Service Coverage (DSC) Calculation</b>					
Existing DSC Methodology (Senior)	2.17 x	2.56 x	2.50 x	1.78 x	1.78 x
Existing DSC Methodology (Senior+Subordinate)	1.36 x	1.85 x	2.50 x	1.78 x	1.78 x
Bond Covenant DSC	1.92 x	2.62 x	3.32 x	2.65 x	2.66 x
<b>Debt Service Coverage Requirements</b>					
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:**

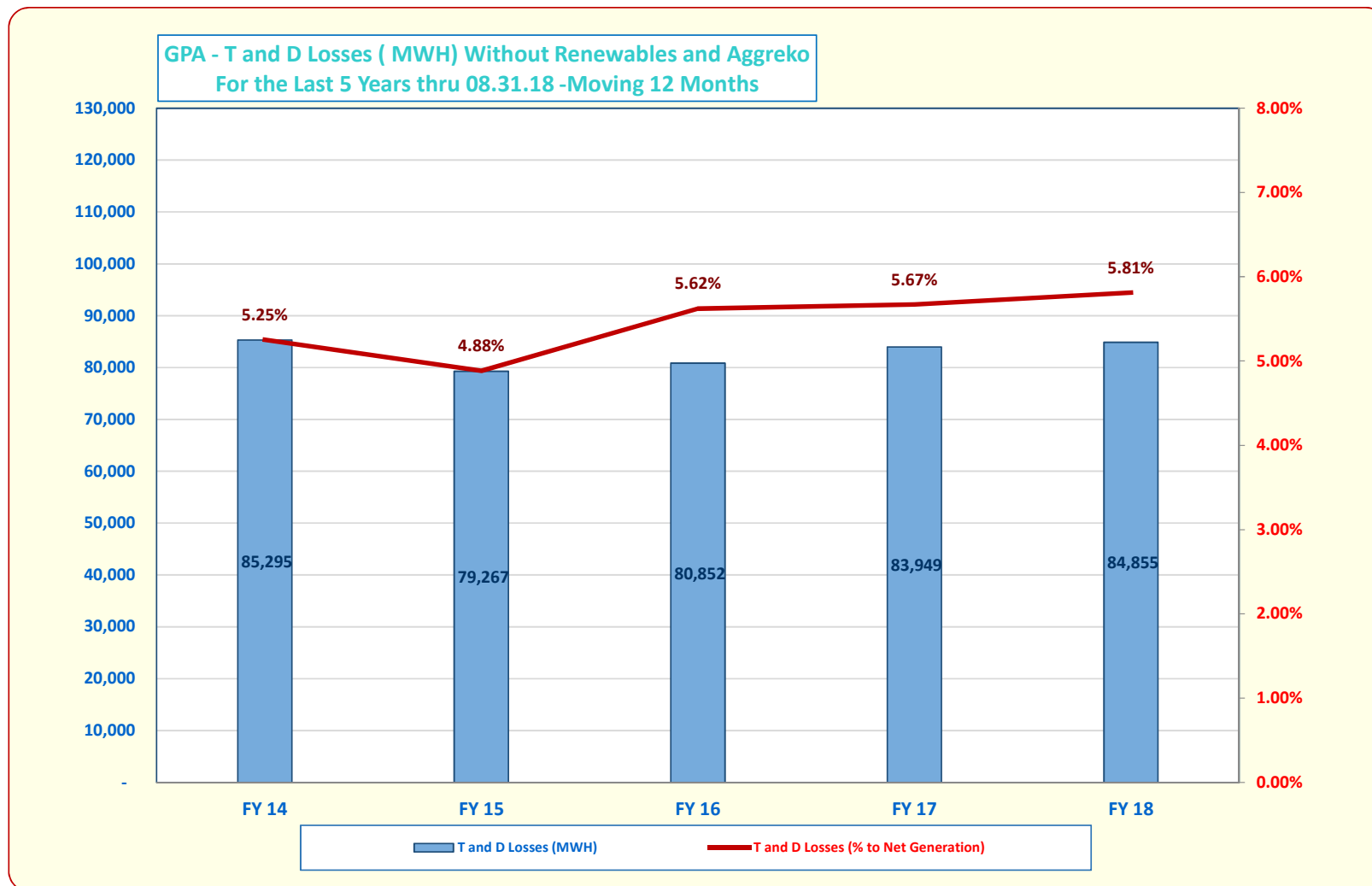
- (1) Source: Guam Power Authority, 2014 - 2017 Audited Financial Statements
- (2) Interest income is net of interest earnings in the Construction Fund and the amortization of deferred credit.
- (3) Existing DSC Methodology (Rating Agency Method):  
 (Operating Earnings + Depreciation Expense - IPP Principal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

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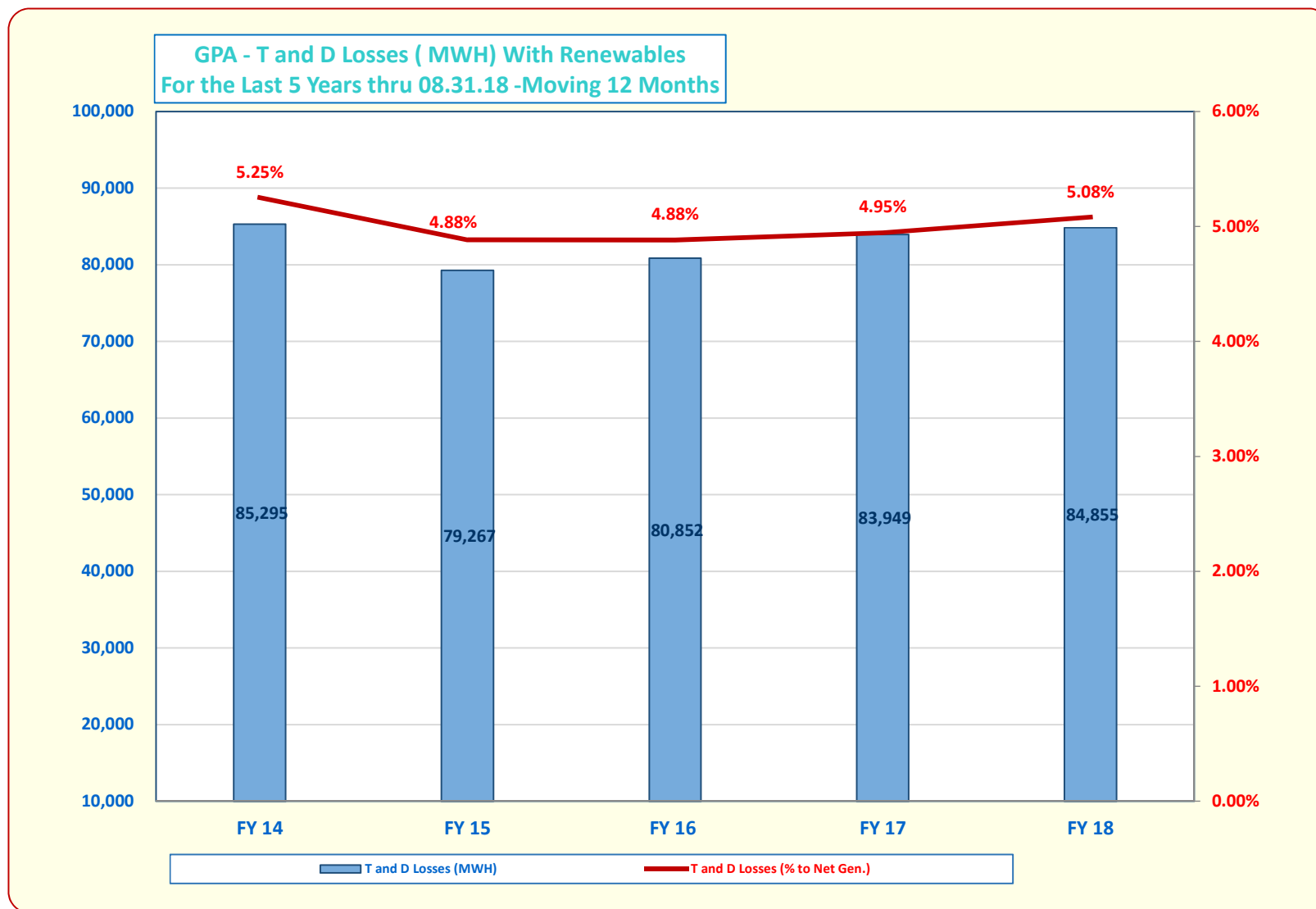
REVENUES-ACTUAL VS PROJECTIONS								
MONTHLY - AUGUST 2018					YTD THRU 08/31/2018			
	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE	PROJECTIONS	ACTUAL	VARIANCE	% VARIANCE
KWH								
Residential	43,778,806	39,748,314	(4,030,492)	-9.21%	467,656,736	458,139,237	(9,517,499)	-2.04%
Small General-Non-Demand	7,398,993	6,737,467	(661,527)	-8.94%	79,504,551	75,290,906	(4,213,645)	-5.30%
Small General-Demand	16,061,572	15,283,605	(777,967)	-4.84%	174,764,128	170,586,991	(4,177,136)	-2.39%
Large	27,948,378	24,724,982	(3,223,396)	-11.53%	293,563,638	283,795,009	(9,768,630)	-3.33%
Independent Power Producers	34,960	30,251	(4,709)	-13.47%	367,217	450,006	82,789	22.55%
Private St. Lites	51,821	33,511	(18,309)	-35.33%	608,294	368,123	(240,171)	-39.48%
Sub-total	95,274,531	86,558,130	(8,716,401)	-9.15%	1,016,464,564	988,630,272	(27,834,292)	-2.74%
Government								
Small_Non Demand	1,187,709	1,205,730	18,021	1.52%	12,427,387	13,237,197	809,810	6.52%
Small-Demand	8,509,750	7,641,330	(868,420)	-10.20%	89,369,458	85,863,776	(3,505,682)	-3.92%
Large	6,491,373	6,179,381	(311,992)	-4.81%	67,386,714	68,776,531	1,389,817	2.06%
Public St. Lites	781,954	842,364	60,410	7.73%	8,961,891	8,311,252	(650,638)	-7.26%
Sub-total	16,970,786	15,868,805	(1,101,981)	-6.49%	178,145,450	176,188,757	(1,956,692)	-1.10%
Total-Civilian	112,245,317	102,426,935	(9,818,381)	-8.75%	1,194,610,014	1,164,819,030	(29,790,984)	-2.49%
USN	26,847,931	24,921,140	(1,926,791)	-7.18%	290,381,919	283,298,305	(7,083,614)	-2.44%
Grand Total	139,093,248	127,348,076	(11,745,172)	-8.44%	1,484,991,933	1,448,117,335	(36,874,598)	-2.48%
Non-Oil Yield								
Residential	0.096203	0.096616	0.000413	0.43%	0.096203	0.096231	0.000028	0.03%
Small General-Non-Demand	0.136364	0.137049	0.000684	0.50%	0.136364	0.136754	0.000390	0.29%
Small General-Demand	0.119423	0.120133	0.000710	0.59%	0.119423	0.119771	0.000348	0.29%
Large	0.103705	0.106342	0.002638	2.54%	0.103705	0.103882	0.000177	0.17%
Independent Power Producers	0.117983	0.113049	(0.004934)	0.00%	0.117983	0.113722	(0.004261)	0.00%
Private St. Lites	0.454278	0.627267	0.172989	38.08%	0.454278	0.628853	0.174575	38.43%
Sub-total	0.105640	0.106905	0.001265	1.20%	0.105725	0.105781	0.000056	0.05%
Government								
Small_Non Demand	0.152255	0.149825	(0.002430)	-1.60%	0.152255	0.150211	(0.002043)	-1.34%
Small-Demand	0.135082	0.135461	0.000379	0.28%	0.135082	0.134412	(0.000669)	-0.50%
Large	0.128102	0.128109	0.000007	0.01%	0.128102	0.127360	(0.000742)	-0.58%
Public St. Lites	0.380746	0.438177	0.057430	15.08%	0.380746	0.471456	0.090710	23.82%
Sub-total	0.144933	0.149759	0.004825	3.33%	0.145998	0.148746	0.002747	1.88%
Total-Civilian	0.111581	0.113544	0.001963	1.76%	0.111731	0.112280	0.000549	0.49%
USN	0.061774	0.056839	(0.004934)	-7.99%	0.061774	0.061830	0.000057	0.09%
Grand Total	0.101967	0.102448	0.000481	0.47%	0.101962	0.102411	0.000448	0.44%
Non-Oil Revenues								
Residential	4,211,670	3,840,319	(371,351)	-8.82%	44,990,163	44,087,286	(902,877)	-2.01%
Small General-Non-Demand	1,008,958	923,361	(85,597)	-8.48%	10,841,578	10,296,337	(545,241)	-5.03%
Small General-Demand	1,918,123	1,836,069	(82,054)	-4.28%	20,870,881	20,431,354	(439,527)	-2.11%
Large	2,898,376	2,629,314	(269,062)	-9.28%	30,443,910	29,481,143	(962,767)	-3.16%
Independent Power Producers	4,125	3,420	(705)	-17.09%	43,325	51,176	7,850	18.12%
Private St. Lites	23,541	21,021	(2,520)	-10.71%	276,335	231,495	(44,839)	-16.23%
Sub-total	10,064,793	9,253,504	(811,289)	-8.06%	107,466,193	104,578,791	(2,887,401)	-2.69%
Government								
Small_Non Demand	180,834	180,648	(186)	-0.10%	1,892,126	1,988,374	96,248	5.09%
Small-Demand	1,149,512	1,035,104	(114,409)	-9.95%	12,072,187	11,541,159	(531,028)	-4.40%
Large	831,558	791,633	(39,925)	-4.80%	8,632,375	8,759,365	126,989	1.47%
Public St. Lites	297,726	369,104	71,378	23.97%	3,412,206	3,918,392	506,185	14.83%
Sub-total	2,459,631	2,376,489	(83,142)	-3.38%	26,008,894	26,207,289	198,394	0.76%
Total-Civilian	12,524,424	11,629,993	(894,431)	-7.14%	133,475,087	130,786,080	(2,689,007)	-2.01%
USN	1,658,503	1,416,504	(241,999)	-14.59%	17,938,041	17,516,468	(421,573)	-2.35%
Grand Total	14,182,927	13,046,497	(1,136,429)	-8.01%	151,413,128	148,302,548	(3,110,580)	-2.05%
% of Total Revenues	39.89%	39.97%			39.89%	42.71%		
Oil Revenues								
Residential	6,725,837	6,130,859	(594,978)	-8.85%	71,847,164	64,400,170	(7,446,994)	-10.37%
Small General-Non-Demand	1,136,724	1,039,200	(97,524)	-8.58%	12,214,464	10,589,095	(1,625,369)	-13.31%
Small General-Demand	2,467,576	2,356,468	(111,107)	-4.50%	26,849,409	23,930,007	(2,919,402)	-10.87%
Large	4,293,773	3,797,734	(496,038)	-11.55%	45,100,847	39,266,971	(5,833,876)	-12.94%
Independent Power Producers	5,371	4,504	(867)	-16.14%	56,416	57,543	1,126	2.00%
Private St. Lites	7,961	5,169	(2,792)	-35.08%	93,454	51,152	(42,302)	-45.26%
Sub-total	14,637,242	13,333,936	(1,303,306)	-8.90%	156,161,753	138,294,937	(17,866,816)	-11.44%
Government								
Small_Non Demand	182,470	185,974	3,504	1.92%	1,909,248	1,833,793	(75,455)	-3.95%
Small-Demand	1,307,372	1,178,614	(128,758)	-9.85%	13,730,032	11,894,629	(1,835,403)	-13.37%
Large	997,284	941,916	(55,369)	-5.55%	10,352,774	9,412,716	(940,057)	-9.08%
Public St. Lites	120,133	129,928	9,794	8.15%	1,376,836	1,161,454	(215,382)	-15.64%
Sub-total	2,607,260	2,436,432	(170,828)	-6.55%	27,368,889	24,302,592	(3,066,297)	-11.20%
Total-Civilian	17,244,502	15,770,368	(1,474,135)	-8.55%	183,530,642	162,597,529	(20,933,113)	-11.41%
USN	4,124,708	3,826,809	(297,899)	-7.22%	44,612,032	36,331,156	(8,280,876)	-18.56%
Grand Total	21,369,211	19,597,177	(1,772,034)	-8.29%	228,142,674	198,928,685	(29,213,989)	-12.81%
% of Total Revenues	60.11%	60.03%			60.11%	57.29%		
Grand Total								
Residential	10,937,507	9,971,178	(966,329)	-8.83%	116,837,327	108,487,456	(8,349,871)	-7.15%
Small General-Non-Demand	2,145,682	1,962,561	(183,121)	-8.53%	23,056,043	20,885,432	(2,170,610)	-9.41%
Small General-Demand	4,385,699	4,192,538	(193,161)	-4.40%	47,720,290	44,361,361	(3,358,929)	-7.04%
Large	7,192,149	6,427,049	(765,100)	-10.64%	75,544,757	68,748,114	(6,796,643)	-9.00%
Independent Power Producers	9,496	7,924	(1,572)	-16.55%	99,742	108,718	8,976	9.00%
Private St. Lites	31,502	26,189	(5,313)	-16.86%	369,788	282,647	(87,141)	-23.57%
Sub-total	24,702,035	22,587,439	(2,114,596)	-8.56%	263,627,946	242,873,729	(20,754,217)	-7.87%
Government								
Small_Non Demand	363,304	366,623	3,318	0.91%	3,801,373	3,822,167	20,793	0.55%
Small-Demand	2,456,884	2,213,718	(243,167)	-9.90%	25,802,219	23,435,788	(2,366,431)	-9.17%
Large	1,828,842	1,733,549	(95,294)	-5.21%	18,985,149	18,172,081	(813,068)	-4.28%
Public St. Lites	417,860	499,032	81,172	19.43%	4,789,042	5,079,845	290,803	6.07%
Sub-total	5,066,891	4,812,921	(253,970)	-5.01%	53,377,783	50,509,881	(2,867,903)	-5.37%
Total-Civilian	29,768,926	27,400,361	(2,368,565)	-7.96%	317,005,729	293,383,609	(23,622,120)	-7.45%
USN	5,783,211	5,243,314	(539,898)	-9.34%	62,550,073	53,847,624	(8,702,449)	-13.91%
Grand Total	35,552,137	32,643,674	(2,908,463)	-8.18%	379,555,802	347,231,234	(32,324,569)	-8.52%
	1,391,900	259,969	(1,131,932)					

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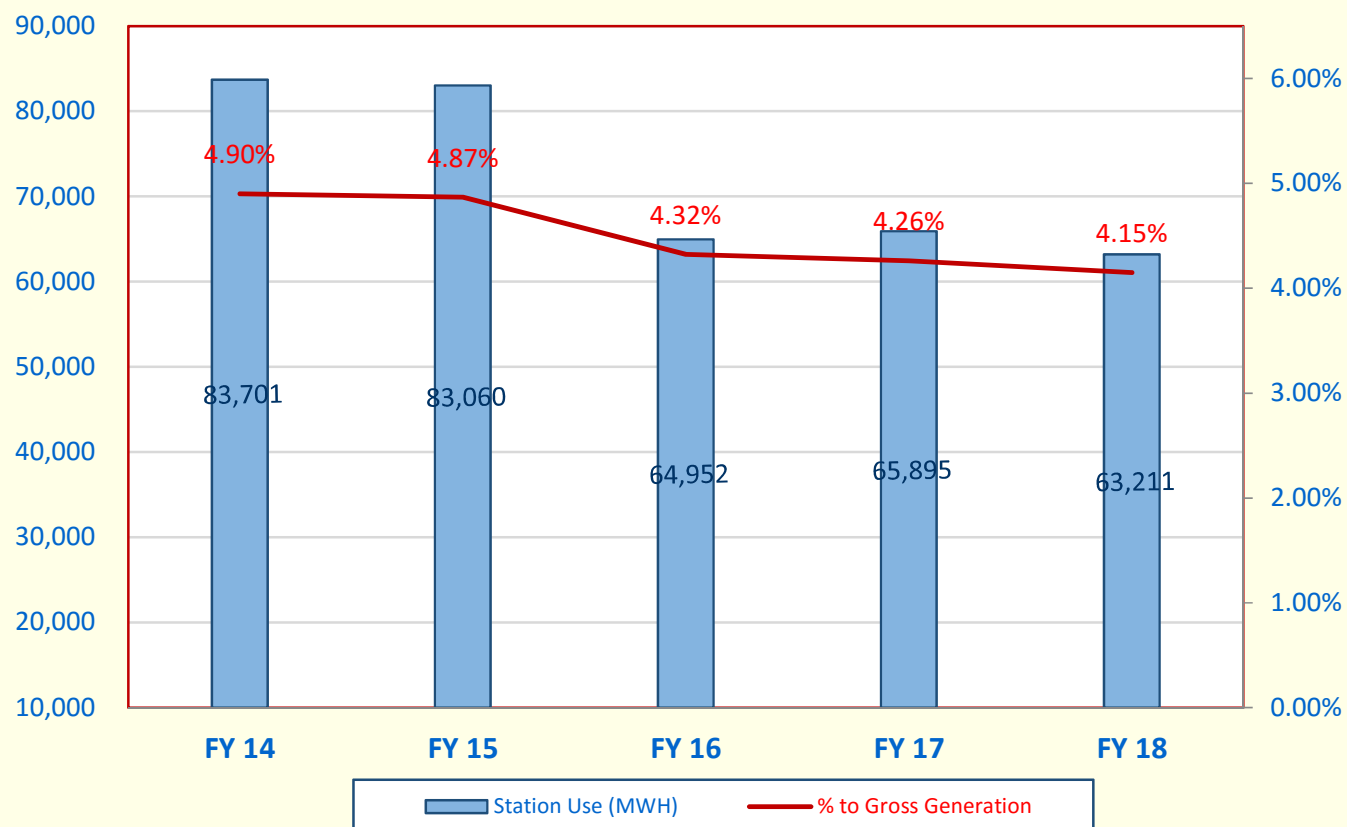
	YTD REVENUES - CURRENT YEAR VS PRIOR YEAR				MTD REVENUES - CURRENT YEAR VS PRIOR YEAR			
	ACTUALS - 11 MONTHS ENDED AUGUST 31				ACTUALS - MONTH ENDED AUGUST 31			
	2018	2017	VARIANCE	% VARIANCE	2018	2017	VARIANCE	% VARIANCE
<b>KWH</b>								
Residential	458,139,237	464,844,586	(6,705,349)	-1.44%	39,748,314	44,434,719	(4,686,405)	-10.55%
Small General-Non-Demand	75,290,906	76,877,609	(1,586,703)	-2.06%	6,737,467	7,347,440	(609,973)	-8.30%
Small General-Demand	170,586,991	174,541,517	(3,954,526)	-2.27%	15,283,605	16,488,257	(1,204,652)	-7.31%
Large	283,795,009	289,141,197	(5,346,188)	-1.85%	24,724,982	27,038,013	(2,313,031)	-8.55%
Independent Power Producers	450,006	927,238	(477,231)	-51.47%	30,251	57,754	(27,503)	-47.62%
Private St. Lites	368,123	415,876	(47,753)	-11.48%	33,511	33,324	187	0.56%
<b>Sub-total</b>	<b>988,630,272</b>	<b>1,006,748,022</b>	<b>(18,117,750)</b>	<b>-1.80%</b>	<b>86,558,130</b>	<b>95,399,508</b>	<b>(8,841,378)</b>	<b>-9.27%</b>
Government								
Small_Non Demand	13,237,197	12,656,140	581,058	4.59%	1,205,730	1,243,487	(37,756)	-3.04%
Small-Demand	85,863,776	88,794,234	(2,930,457)	-3.30%	7,641,330	8,147,386	(506,056)	-6.21%
Large	68,776,531	68,404,520	372,012	0.54%	6,179,381	6,520,699	(341,318)	-5.23%
Public St. Lites	8,311,252	8,817,604	(506,352)	-5.74%	842,364	877,130	(34,766)	-3.96%
<b>Sub-total</b>	<b>176,188,757</b>	<b>178,672,497</b>	<b>(2,483,740)</b>	<b>-1.39%</b>	<b>15,868,805</b>	<b>16,788,702</b>	<b>(919,897)</b>	<b>-5.48%</b>
<b>Total-Civilian</b>	<b>1,164,819,030</b>	<b>1,185,420,520</b>	<b>(20,601,490)</b>	<b>-1.74%</b>	<b>102,426,935</b>	<b>112,188,210</b>	<b>(9,761,274)</b>	<b>-8.70%</b>
USN	283,298,305	291,679,581	(8,381,276)	-2.87%	24,921,140	26,608,721	(1,687,581)	-6.34%
<b>Grand Total</b>	<b>1,448,117,335</b>	<b>1,477,100,101</b>	<b>(28,982,766)</b>	<b>-1.96%</b>	<b>127,348,076</b>	<b>138,796,930</b>	<b>(11,448,855)</b>	<b>-8.25%</b>
<b>Non-Oil Yield</b>								
Residential	0.096231	0.096220	0.000011	0.01%	0.096616	0.095776	0.000840	0.88%
Small General-Non-Demand	0.136754	0.136449	0.000305	0.22%	0.137049	0.135178	0.001870	1.38%
Small General-Demand	0.119771	0.119206	0.000565	0.47%	0.120133	0.117745	0.002388	2.03%
Large	0.103882	0.102892	0.000990	0.96%	0.106342	0.104667	0.001676	1.60%
Independent Power Producers	0.000000	0.111830	-0.111830	-100.00%	0.113049	0.142548	-0.029499	-20.69%
Private St. Lites	0.628853	0.578954	0.049898	8.62%	0.627267	0.635294	-0.008027	-1.26%
<b>Sub-total</b>	<b>0.105781</b>	<b>0.105407</b>	<b>0.000374</b>	<b>0.36%</b>	<b>0.106905</b>	<b>0.105344</b>	<b>0.001561</b>	<b>1.48%</b>
Government								
Small_Non Demand	0.150211	0.151547	-0.001336	-0.88%	0.149825	0.149535	0.000290	0.19%
Small-Demand	0.134412	0.134637	-0.000225	-0.17%	0.135461	0.134173	0.001288	0.96%
Large	0.127360	0.126098	0.001262	1.00%	0.128109	0.125025	0.003083	2.47%
Public St. Lites	0.471456	0.468120	0.003336	0.71%	0.438177	0.470618	-0.032441	-6.89%
<b>Sub-total</b>	<b>0.148746</b>	<b>0.149023</b>	<b>-0.000278</b>	<b>-0.19%</b>	<b>0.149759</b>	<b>0.149335</b>	<b>0.000423</b>	<b>0.28%</b>
<b>Total-Civilian</b>	<b>0.112280</b>	<b>0.111981</b>	<b>0.000299</b>	<b>0.27%</b>	<b>0.113544</b>	<b>0.111927</b>	<b>0.001617</b>	<b>1.44%</b>
USN	0.061830	0.061815	0.000016	0.03%	0.056839	0.063411	-0.006571	-10.36%
<b>Grand Total</b>	<b>0.102411</b>	<b>0.102075</b>	<b>0.000336</b>	<b>0.33%</b>	<b>0.102448</b>	<b>0.102626</b>	<b>-0.000179</b>	<b>-0.17%</b>
<b>Non-Oil Revenues</b>								
Residential	44,087,286	44,727,423	(640,137)	-1.43%	3,840,319	4,255,769	(415,451)	-9.76%
Small General-Non-Demand	10,296,337	10,489,863	(193,526)	-1.84%	923,361	993,214	(69,853)	-7.03%
Small General-Demand	20,431,354	20,806,339	(374,985)	-1.80%	1,836,069	1,941,417	(105,347)	-5.43%
Large	29,481,143	29,550,388	(69,244)	-0.91%	2,629,314	2,829,975	(200,661)	-7.09%
Independent Power Producers	51,176	103,693	(52,517)	-50.65%	3,420	8,233	(4,813)	-58.46%
Private St. Lites	231,495	240,773	(9,278)	-3.85%	21,021	21,171	(150)	-0.71%
<b>Sub-total</b>	<b>104,578,791</b>	<b>106,118,479</b>	<b>(1,539,688)</b>	<b>-1.45%</b>	<b>9,253,504</b>	<b>10,049,779</b>	<b>(796,275)</b>	<b>-7.92%</b>
Government								
Small_Non Demand	1,988,374	1,918,006	70,368	3.67%	180,648	185,944	(5,296)	-2.85%
Small-Demand	11,541,159	11,954,987	(413,828)	-3.46%	1,035,104	1,093,159	(58,056)	-5.31%
Large	8,759,365	8,625,667	133,697	1.55%	791,633	815,252	(23,619)	-2.90%
Public St. Lites	3,918,392	4,127,696	(209,304)	-5.07%	369,104	412,793	(43,689)	-10.58%
<b>Sub-total</b>	<b>26,207,289</b>	<b>26,626,356</b>	<b>(419,068)</b>	<b>-1.57%</b>	<b>2,376,489</b>	<b>2,507,149</b>	<b>(130,660)</b>	<b>-5.21%</b>
<b>Total-Civilian</b>	<b>130,786,080</b>	<b>132,744,836</b>	<b>(1,958,756)</b>	<b>-1.48%</b>	<b>11,629,993</b>	<b>12,556,928</b>	<b>(926,935)</b>	<b>-7.38%</b>
USN	17,516,468	18,030,142	(513,673)	-2.85%	1,416,504	1,687,282	(270,778)	-16.05%
<b>Grand Total</b>	<b>148,302,548</b>	<b>150,774,977</b>	<b>(2,472,429)</b>	<b>-1.64%</b>	<b>13,046,497</b>	<b>14,244,210</b>	<b>(1,197,713)</b>	<b>-8.41%</b>
% of Total Revenues								
<b>Oil Revenues</b>								
Residential	64,400,170	46,987,234	17,412,936	37.06%	6,130,859	5,507,041	623,819	11.33%
Small General-Non-Demand	10,589,095	7,766,871	2,822,224	36.34%	1,039,200	909,446	129,755	14.27%
Small General-Demand	23,930,007	17,570,905	6,359,102	36.19%	2,356,468	2,022,741	333,728	16.50%
Large	39,266,971	28,784,613	10,482,358	36.42%	3,797,734	3,198,563	599,171	18.73%
Independent Power Producers	57,543	90,262	(32,719)	-36.25%	4,504	6,571	(2,067)	-31.46%
Private St. Lites	51,152	40,823	10,329	25.30%	5,169	3,923	1,246	31.76%
<b>Sub-total</b>	<b>138,294,937</b>	<b>101,240,708</b>	<b>37,054,229</b>	<b>36.60%</b>	<b>13,333,936</b>	<b>11,648,284</b>	<b>1,685,651</b>	<b>14.47%</b>
Government								
Small_Non Demand	1,833,793	1,261,924	571,869	45.32%	185,974	146,381	39,593	27.05%
Small-Demand	11,894,629	8,824,800	3,069,830	34.79%	1,178,614	959,094	219,520	22.89%
Large	9,412,716	6,778,618	2,634,098	38.86%	941,916	758,192	183,724	24.23%
Public St. Lites	1,161,454	874,191	287,262	32.86%	129,928	103,254	26,674	25.83%
<b>Sub-total</b>	<b>24,302,592</b>	<b>17,739,532</b>	<b>6,563,060</b>	<b>37.00%</b>	<b>2,436,432</b>	<b>1,966,921</b>	<b>469,511</b>	<b>23.87%</b>
<b>Total-Civilian</b>	<b>162,597,529</b>	<b>118,980,241</b>	<b>43,617,289</b>	<b>36.66%</b>	<b>15,770,368</b>	<b>13,615,205</b>	<b>2,155,162</b>	<b>15.83%</b>
USN	36,331,156	31,549,109	4,782,047	15.16%	3,826,809	3,332,100	494,709	14.85%
<b>Grand Total</b>	<b>198,928,685</b>	<b>150,529,350</b>	<b>48,399,335</b>	<b>32.15%</b>	<b>19,597,177</b>	<b>16,947,305</b>	<b>2,649,872</b>	<b>15.64%</b>
% of Total Revenues								
<b>Grand Total</b>								
Residential	108,487,456	91,714,657	16,772,799	18.29%	9,971,178	9,762,810	208,368	2.13%
Small General-Non-Demand	20,885,432	18,256,735	2,628,698	14.40%	1,962,561	1,902,660	59,901	3.15%
Small General-Demand	44,361,361	38,377,244	5,984,117	15.59%	4,192,538	3,964,157	228,381	5.76%
Large	68,748,114	58,535,001	10,213,113	17.45%	6,427,049	6,028,539	398,510	6.61%
Independent Power Producers	108,718	193,955	(85,237)	-43.95%	7,924	14,804	(6,880)	-46.47%
Private St. Lites	282,647	281,596	1,051	0.37%	26,189	25,094	1,096	4.37%
<b>Sub-total</b>	<b>242,873,729</b>	<b>207,359,188</b>	<b>35,514,541</b>	<b>17.13%</b>	<b>22,587,439</b>	<b>21,698,063</b>	<b>889,376</b>	<b>4.10%</b>
Government								
Small_Non Demand	3,822,167	3,179,930	642,237	20.20%	366,623	332,325	34,297	10.32%
Small-Demand	23,435,788	20,779,787	2,656,002	12.78%	2,213,718	2,052,253	161,464	7.87%
Large	18,172,081	15,404,285	2,767,796	17.97%	1,733,549	1,573,445	160,104	10.18%
Public St. Lites	5,079,845	5,001,887	77,958	1.56%	499,032	516,047	(17,015)	-3.30%
<b>Sub-total</b>	<b>50,509,881</b>	<b>44,365,889</b>	<b>6,143,992</b>	<b>13.85%</b>	<b>4,812,921</b>	<b>4,474,070</b>	<b>338,851</b>	<b>7.57%</b>
<b>Total-Civilian</b>	<b>293,383,609</b>	<b>251,725,076</b>	<b>41,658,533</b>	<b>16.55%</b>	<b>27,400,361</b>	<b>26,172,133</b>	<b>1,228,227</b>	<b>4.69%</b>
USN	53,847,624	49,579,251	4,268,373	8.61%	5,243,314	5,019,382	223,931	4.46%
<b>Grand Total</b>	<b>347,231,234</b>	<b>301,304,327</b>	<b>45,926,906</b>	<b>15.24%</b>	<b>32,643,674</b>	<b>31,191,516</b>	<b>1,452,159</b>	<b>4.66%</b>
	-	-	-	-		(1,865,428)		

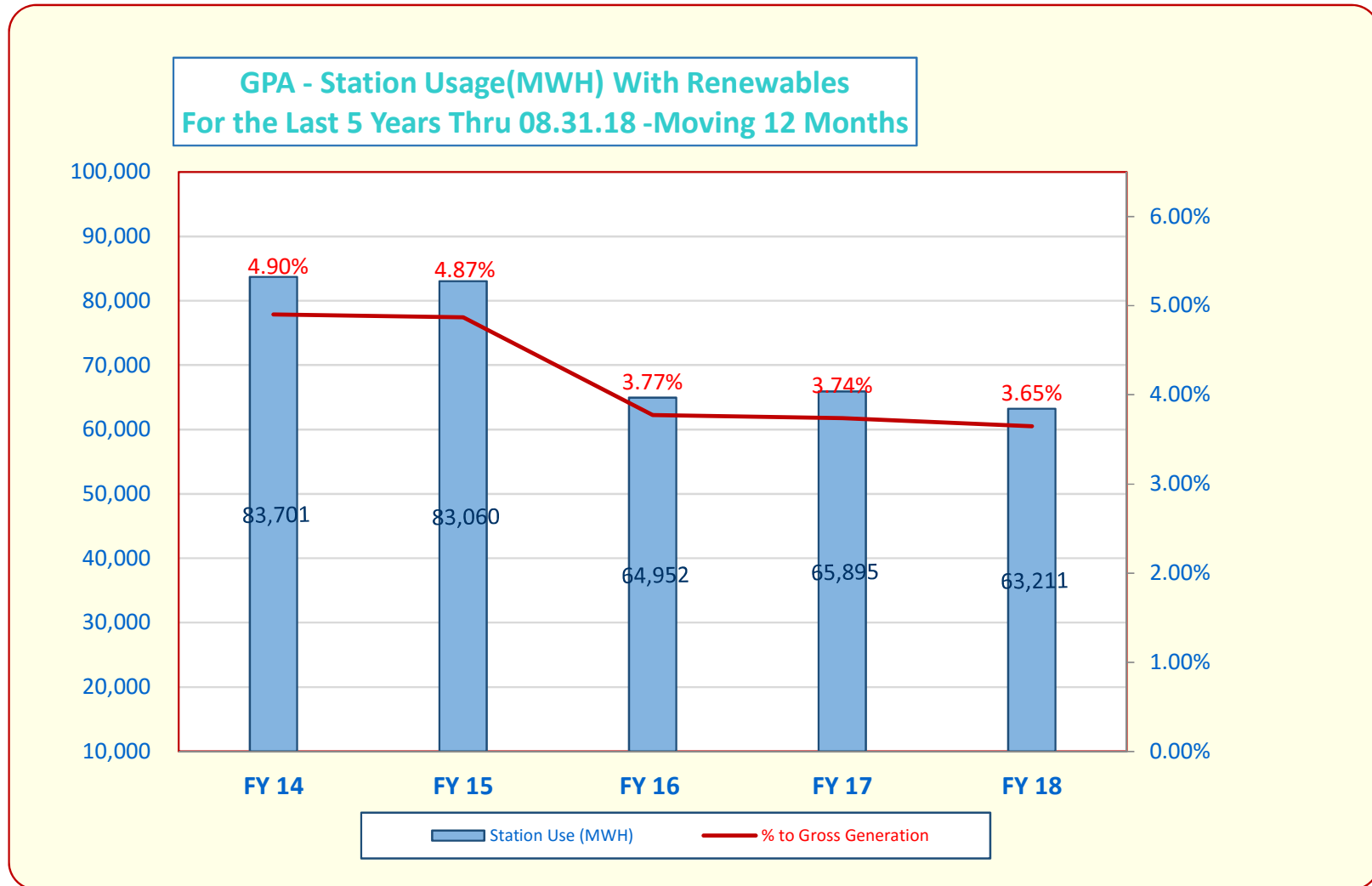


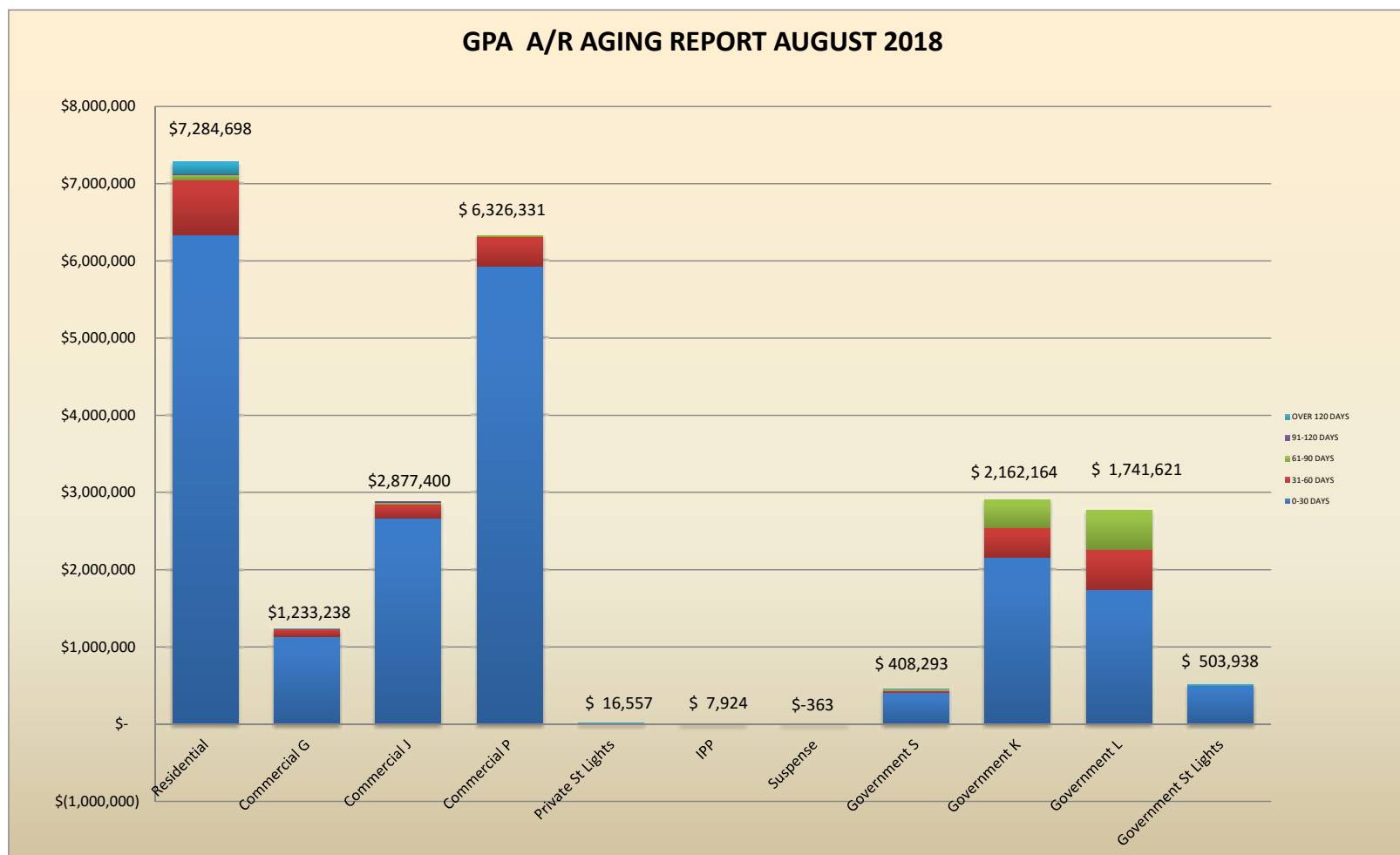




**GPA - Station Usage(MWH) Without Renewables and Aggreko  
For the Last 5 Years Thru 08.31.18-Moving 12 Months**







**GPA Work Session - October 18, 2018 - DIVISION REPORTS**

**GUAM POWER AUTHORITY  
GOVERNMENT ACCOUNTS RECEIVABLE**

**BILLING UP TO 09/30/2018 and Payment Applied as of 10/15/2018**

	Current (09/18 Billing due 10/31/18)
	30 days Arrears (09/18 due 09/15/18)
	60 days and over Arrears (08/18 billing due 08/15/18)

CC&B ACCT NUMBER	DEPARTMENT	BALANCE 8/31/2018	CANCELLED/REBIL/ SPEC CHARGE 9/30/2018	BILLING 9/30/2018	PAYMENT 09/30/2018	BALANCE 9/30/2018	
<b>Line Agencies</b>							
0237100000	Dept. of Corrections	\$ 78,683.68	\$ -	\$ 65,932.58	\$ (78,683.68)	\$ 65,932.58	
0437100000	Dept. of Parks & Rec.	\$ 26,053.08	\$ -	\$ 21,092.02	\$ (26,053.08)	\$ 21,092.02	
0537100000	Guam Fire Department	\$ 16,296.41	\$ (2,141.27)	\$ 15,764.57	\$ (16,296.41)	\$ 13,623.30	
6995000000	DOA Supply Mgmt (NET METERED)	\$ 1,707.08	\$ -	\$ 1,230.38	\$ (1,707.08)	\$ 1,230.38	
7895000000	Dept. of Administration	\$ 5,073.70	\$ -	\$ 4,703.25	\$ (5,073.70)	\$ 4,703.25	
1337100000	Nieves Flores Library	\$ 10,094.44	\$ -	\$ 7,752.77	\$ (10,094.44)	\$ 7,752.77	
2206200000	General Services Agency	\$ 272.57	\$ -	\$ 259.84	\$ (272.57)	\$ 259.84	
2237100000	DOA-Data Processing	\$ 8,844.61	\$ -	\$ 7,589.44	\$ (8,844.61)	\$ 7,589.44	
2337100000	Dept. of PH&SS	\$ 75,380.58	\$ -	\$ 56,928.00	\$ (75,380.58)	\$ 56,928.00	
3237100000	Dept. of Education	\$ 2,888,003.19	\$ 21,659.73	\$ 969,440.32	\$ (1,800,164.18)	\$ 2,078,939.06	1
3337100000	Guam Police Department	\$ 53,777.30	\$ -	\$ 42,871.12	\$ (53,777.30)	\$ 42,871.12	
3569100000	Dept. of Youth Affairs (Federal)	\$ 1,007.33	\$ -	\$ 738.98	\$ (1,007.33)	\$ 738.98	
4437100000	Dept. of Youth Affairs* (Local)	\$ 10,135.30	\$ -	\$ 8,392.76	\$ (10,135.30)	\$ 8,392.76	
4737100000	Guam Environmental Protect	\$ 6,980.55	\$ -	\$ 5,988.03	\$ (6,980.55)	\$ 5,988.03	
5437100000	Mental Health/Subst.	\$ 43,112.07	\$ -	\$ 37,548.48	\$ (43,112.07)	\$ 37,548.48	
7200300000	Veteran Affairs	\$ 1,085.29	\$ -	\$ 810.66	\$ (1,085.29)	\$ 810.66	
7437100000	Civil Defense (Military Affairs)	\$ 12,321.77	\$ -	\$ 11,520.80	\$ (12,321.77)	\$ 11,520.80	
7463300000	Pacific Energy Resource Center	\$ 713.50	\$ -	\$ 644.77	\$ (713.50)	\$ 644.77	
8137100000	Dept. of Agriculture	\$ 20,105.86	\$ -	\$ 8,434.77	\$ (24,124.00)	\$ 4,416.63	
8337100000	DPW-FAC Adm Account	\$ 26,115.16	\$ -	\$ 23,384.07	\$ (26,115.16)	\$ 23,384.07	
8437100000	Guam Visitors Bureau	\$ 4,989.99	\$ -	\$ 3,888.32	\$ (4,989.99)	\$ 3,888.32	
8446300000	Yona Senior Citizen Center	\$ 890.78	\$ -	\$ 784.03	\$ (890.78)	\$ 784.03	
9437100000	Dept of Chamorro Affairs/Chamorro Village	\$ 4,219.38	\$ -	\$ 3,579.34	\$ (4,219.38)	\$ 3,579.34	
5247210000	Majors Council	\$ 2,179.04	\$ -	\$ 1,541.33	\$ (2,179.04)	\$ 1,541.33	
6293410000	Office of the Governor	\$ 23,817.87	\$ -	\$ 21,596.42	\$ (23,817.87)	\$ 21,596.42	
855858369	Dept of Chamorro Affairs (Guam Museum)	\$ 22,630.45	\$ -	\$ 18,810.73	\$ (22,630.45)	\$ 18,810.73	
	<b>Sub Total</b>	<b>\$ 3,344,490.98</b>	<b>\$ 19,518.46</b>	<b>\$ 1,341,227.78</b>	<b>\$ (2,260,670.11)</b>	<b>\$ 2,444,567.11</b>	
<b>MAYORS</b>							
0637100000	Santa Rita Mayor	\$ 3,643.41	\$ -	\$ 2,833.51	\$ (3,643.41)	\$ 2,833.51	
0737100000	Ordor/Chalan Pago Mayor	\$ 1,150.50	\$ -	\$ 928.20	\$ (1,150.50)	\$ 928.20	
1537100000	Hagatna Mayor	\$ 1,576.90	\$ -	\$ 1,170.36	\$ (1,576.90)	\$ 1,170.36	
1637100000	Piti Mayor	\$ 1,156.18	\$ -	\$ 929.43	\$ (1,156.18)	\$ 929.43	
1737100000	Mongmong/Toto/Malte Mayor	\$ 1,374.38	\$ -	\$ 1,231.79	\$ (1,374.38)	\$ 1,231.79	
2637100000	Asan/Maina/Adelup Mayor	\$ 962.86	\$ (81.39)	\$ 749.34	\$ (962.86)	\$ 667.95	
2737100000	Sinajana Mayor	\$ 4,565.33	\$ -	\$ 3,683.38	\$ (4,565.33)	\$ 3,683.38	
3637100000	Dededo Mayor	\$ 6,400.78	\$ -	\$ 6,749.44	\$ (6,400.78)	\$ 6,749.44	
4637100000	Yigo Mayor	\$ 3,539.52	\$ -	\$ 2,954.63	\$ (3,539.52)	\$ 2,954.63	
5637100000	Umatac Mayor	\$ 1,367.42	\$ -	\$ 1,032.21	\$ (1,367.42)	\$ 1,032.21	
6537100000	Agana Hts. Mayor	\$ 4,787.48	\$ -	\$ 4,197.42	\$ (4,787.48)	\$ 4,197.42	
6637100000	Merizo Mayor	\$ 1,056.35	\$ -	\$ 829.68	\$ (1,056.35)	\$ 829.68	
6737100000	Bamagada Mayors Office	\$ 2,058.75	\$ 25.00	\$ 1,534.53	\$ (2,058.75)	\$ 1,559.53	
7537100000	Agat Mayor	\$ 2,486.99	\$ -	\$ 2,071.35	\$ (2,486.99)	\$ 2,071.35	
7637100000	Inarajan Mayor	\$ 1,844.90	\$ -	\$ 1,436.98	\$ (1,844.90)	\$ 1,436.98	
8537100000	Tamuning Mayor	\$ 5,812.12	\$ -	\$ 4,698.98	\$ (5,812.12)	\$ 4,698.98	
8637100000	Talofoto Mayor	\$ 2,433.83	\$ -	\$ 2,248.03	\$ (2,433.83)	\$ 2,248.03	
9537100000	Mangilao Mayor	\$ 4,492.74	\$ -	\$ 4,117.29	\$ (4,492.74)	\$ 4,117.29	
9637100000	Yona Mayor	\$ 794.72	\$ -	\$ 758.27	\$ (794.72)	\$ 758.27	
	<b>Sub Total</b>	<b>\$ 51,505.16</b>	<b>\$ (56.39)</b>	<b>\$ 44,154.82</b>	<b>\$ (51,505.16)</b>	<b>\$ 44,098.43</b>	
<b>DPW ACCOUNTS</b>							
4337100000	DPW-Village St. Lights	\$ 393,931.34	\$ 8,993.49	\$ 362,789.24	\$ (393,931.34)	\$ 371,782.73	
5337100000	DPW- Primary St. Lights	\$ 85,176.47	\$ (607.52)	\$ 84,958.50	\$ (85,176.47)	\$ 84,350.98	
6337100000	DPW-Sec/Colt St. Lights	\$ 27,048.36	\$ -	\$ 25,608.31	\$ (27,048.36)	\$ 25,608.31	
7337100000	DPW-Signal Lights	\$ 10,873.14	\$ -	\$ 9,665.24	\$ (10,873.14)	\$ 9,665.24	
	<b>Sub Total</b>	<b>\$ 517,029.31</b>	<b>\$ 8,385.97</b>	<b>\$ 483,021.29</b>	<b>\$ (517,029.31)</b>	<b>\$ 491,407.26</b>	
<b>(B) AUTONOMOUS/PUBLIC CORP</b>							
1437100000	Retirement Fund	\$ 6,033.79	\$ -	\$ 5,287.31	\$ (6,033.79)	\$ 5,287.31	
1915500000	Guam Housing Corp Rental Division	\$ 1,942.42	\$ 166.83	\$ 1,264.82	\$ (1,374.28)	\$ 1,999.79	
2437100000	University of Guam	\$ 184,976.74	\$ (1,234.21)	\$ 168,649.34	\$ (352,391.87)	\$ -	
4237100000	Guam Airport Authority	\$ 530,179.93	\$ (97.23)	\$ 492,395.40	\$ (530,179.93)	\$ 492,298.17	
5357510000	University of Guam (NET METERED)	\$ 79,947.98	\$ -	\$ 67,976.35	\$ (147,924.33)	\$ -	
6237100000	G H U R A	\$ 13,341.96	\$ (188.96)	\$ 22,926.04	\$ (25,239.81)	\$ 10,839.23	
6437100000	Guam Community College	\$ 49,153.79	\$ -	\$ 46,808.24	\$ (49,153.79)	\$ 46,808.24	
7237100000	Guam Memorial Hospital	\$ 33,578.21	\$ 251.83	\$ 29,815.70	\$ (33,628.21)	\$ 30,017.53	
8426836906	Guam Memorial Hospital (NET METERED)	\$ 148,667.00	\$ 1,115.00	\$ 131,859.96	\$ (148,667.00)	\$ 132,974.96	
9137100000	Port Authority of Guam	\$ 96,817.83	\$ -	\$ 86,748.07	\$ (96,817.83)	\$ 86,748.07	
9157510000	Guam Community College (NET METERED)	\$ 38,932.40	\$ -	\$ 34,843.39	\$ (38,932.40)	\$ 34,843.39	
9173210000	Guam Solid Waste Authority	\$ 6,738.72	\$ -	\$ 5,938.65	\$ (6,738.72)	\$ 5,938.65	
9337100000	Guam Waterworks Authority	\$ 1,305,654.40	\$ 3,974.09	\$ 1,137,558.14	\$ (1,306,080.54)	\$ 1,141,106.09	
8237100000	GPA	\$ -	\$ -	\$ -	\$ -	\$ -	
	<b>Sub Total</b>	<b>\$ 2,495,965.17</b>	<b>\$ 3,987.35</b>	<b>\$ 2,232,071.41</b>	<b>\$ (2,743,162.50)</b>	<b>\$ 1,988,861.43</b>	
<b>(C) OTHERS</b>							
0337100000	Guam Legislature	\$ 140.31	\$ -	\$ 158.67	\$ (140.31)	\$ 158.67	
9503154359	Guam Legislature (NET METER)	\$ 7,332.85	\$ -	\$ 5,787.17	\$ (7,332.85)	\$ 5,787.17	
1237100000	Superior Court of Guam	\$ 70,587.60	\$ -	\$ 64,020.12	\$ (70,587.60)	\$ 64,020.12	
2537100000	Agana (Guam) Post Office	\$ 5,572.25	\$ -	\$ 5,164.28	\$ (5,572.25)	\$ 5,164.28	
2570200000	Customs & Quarantine Agency	\$ 976.13	\$ -	\$ 896.40	\$ (976.13)	\$ 896.40	
3537100000	U.S. Post Office	\$ 41,008.35	\$ -	\$ 36,203.96	\$ (41,008.35)	\$ 36,203.96	
5537100000	Dept. of Military Affairs	\$ 75,668.74	\$ -	\$ 68,345.32	\$ (75,668.74)	\$ 68,345.32	
3209463043	Dept. of Military Affairs	\$ 17,859.37	\$ -	\$ 15,958.58	\$ (17,859.37)	\$ 15,958.58	
5737100000	KGTF	\$ 6,722.11	\$ -	\$ 5,972.97	\$ (6,722.11)	\$ 5,972.97	
7281000000	Tamuning Post Office	\$ 5,248.23	\$ -	\$ 4,738.91	\$ (5,248.23)	\$ 4,738.91	
	<b>Sub Total</b>	<b>\$ 231,115.94</b>	<b>\$ -</b>	<b>\$ 207,246.38</b>	<b>\$ (231,115.94)</b>	<b>\$ 207,246.38</b>	
<b>GRAND TOTAL</b>		<b>\$ 6,640,106.56</b>	<b>\$ 31,835.39</b>	<b>\$ 4,307,721.68</b>	<b>\$ (5,803,483.02)</b>	<b>\$ 5,176,180.61</b>	



# GPA Communications/PIO KPI Status

18 October 2018

# Ratepayer Newsletter



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

1. October "Insights" newsletter in production;
2. Inclusion of GM letter on Emergency Backup Generators for GWA
3. Standard features of recipe, village fiesta schedule and CDC advisory remain for newsletter content;
4. Inclusion of CS article on Upper Tumon location

## Accomplishments

1. Completed January, February, March, April, May, June, July, August & September *Insights* Ratepayer Newsletter
2. October issue planning; will meet deadline

## Risks and Issues

1. None to report;

## Resolution

## Financial

Budgeted for FY19

10/17/2018



No corrective action required



Legend:  
Near-term corrective action required



Requires immediate attention

# 2017/8 Annual Report Projects



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

1. Submitted specifications for FY2018 Annual Report;
2. Inclusion of Citizens Centric Report on project bid

## Accomplishments

1. Completed GPA FY2017 Report;

## Risks and Issues

1. None to Report

## Resolution

## Financial

None to report	Within Budget

10/17/2018



No corrective action required



Legend:  
Near-term corrective action required



Requires immediate attention



# Special Projects – Web and Social Media



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

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

## Accomplishments

1. Successfully provided updates on social media, WhatsApp and Text Alerts for Typhoon Mangkhut status and recovery updates

Risks and Issues	Resolution	Financial		
1. Timely Updates on Forced Outages and Scheduled Outages ;	1. Close monitoring of outages and trouble desk for updates;	Within budget		

10/17/2018



No corrective action required



Near-term corrective action required



Requires immediate attention

# Energy Sense Marketing



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

1. Review ongoing of DSM Customer Service Survey and Focus Group Discussion for Energy Sense Marketing as part of Phase III implementation.
2. On track to with DSM Phase II Marketing Goals & Objectives
3. Adztech Advertising continuing Phase II DSM Marketing Plan Goals & Objectives;

## Accomplishments

1. Completed Customer Program Satisfaction Survey

## Risks and Issues

1. SPORD support pending additional funding;

## Resolution

PIO supporting DSM marketing in pending additional SPORD funding

## Financial

Budget Support for SPORD for Phase II

10/17/2018



No corrective action required



Legend:  
Near-term corrective action required



Requires immediate attention

# Prepaid & SMS (text) Project



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

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

## Accomplishments

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

## Risks and Issues

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

## Resolution

## Financial

None to report

10/17/2018



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
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Status	Accomplishments
<ol style="list-style-type: none"> <li>1. Notice to Proceed awarded to Shooting Star Productions;</li> <li>2. Completed site visit and coordinating building plans for construction review with Engineering.</li> </ol>	<ol style="list-style-type: none"> <li>1. None to report at this time</li> </ol>

Risks and Issues	Resolution	Financial
<ol style="list-style-type: none"> <li>1. None to report at this time</li> </ol>		Funding with IT Division & GWA for audio & video equipment & training

10/17/2018



No corrective action required



Near-term corrective action required



Requires immediate attention

# 50<sup>th</sup> Anniversary Activities



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

1. List of events and programs connected to milestone 2018 GPA planned programs/business objectives already in place is under construction: PPA Signing, LEED Plaque on GBN Building Unveiling; Fadian Employee-Family Fun Day rescheduled due to TS Maria; 2018 Liberation Day Float(s) ongoing;
2. A GPA 50<sup>th</sup> Anniversary Steering Committee meeting weekly, with Communications-PIO serving as advisors.
3. Revisit budget items, (subject to change) to be presented to GM for approval.

## Accomplishments

1. GPA 50<sup>th</sup> Anniversary t-shirts distributed to all GPA employees and IPP partners (500 shirts)
2. Highlighted GPA 50<sup>th</sup> Anniversary Milestone on 2018 Liberation Day Float – GPA's entry won 3<sup>rd</sup> Place. Media photos, video and mention in print publications, electronic and social media.
3. LIVE coverage promotion via PBS live (television) streaming of Liberation Day Parade. Included 50<sup>th</sup> anniversary logo imprinted on t-shirt giveaways.
4. LIVE coverage promotion via KStereo live (radio) broadcast of Liberation Day Parade. Included 50<sup>th</sup> anniversary logo and Guam Energy Sense logo imprinted on 500 t-shirt giveaways.

## Risks and Issues

1. None to report at this time

## Resolution

## Financial

None to report

### Legend:



No corrective action required



Near-term corrective action required



Requires immediate attention

10/17/2018

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# Award Nomination Opportunities (various)



Overall Status	G	Risks & Issues	G	Schedule	G	Scope	G	Financial	G
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Status	Accomplishments
<ol style="list-style-type: none"> <li>2018 GovGuam MagPRO Awards – (1) Department of the Year (large agency); (5) Photo of the Year; and (7) National Recognition Citation nominations</li> <li>APPA 2018 Excellence in Public Power Communications Awards – for Web and Social Media, Video and Print and Digital nominations</li> <li>Guam Daily Post and 2018 MagPRO Awards Committee added 'Department of the Decade' category to 2018 GovGuam MagPRO awards – details only released 06 August 2018; GPA nomination pending</li> </ol>	<ol style="list-style-type: none"> <li>GPA is Gold \$5,000 sponsor</li> <li>(13) GovGuam MagPRO Award nominations submitted in advance of deadline</li> <li>(3) APPA Award nominations submitted in advance of deadline</li> <li>Attended meeting on 08 August 2018 regarding 'Department of the Decade' category added to 2018 GovGuam MagPRO awards</li> </ol>

Risks and Issues	Resolution	Financial
<ol style="list-style-type: none"> <li>Missed opportunity if GPA does not submit entries</li> <li>APPA – high level competition across USA</li> <li>Department of the Decade – combines agency accomplishments judged by panel of 3; AND reader's choice (Guam Daily Post)</li> </ol>	<ol style="list-style-type: none"> <li>GPA will participate and is worthy of recognition(s)</li> </ol>	<ol style="list-style-type: none"> <li>GovGuam awards - \$5000 Gold MagPRO Sponsorship</li> <li>APPA - \$35 per entry; \$105 total</li> <li>Department of the Decade - none</li> </ol>

## Legend:



No corrective action required



Near-term corrective action required



Requires immediate attention

10/17/2018

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# Miscellaneous Activities



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

1. GPA Web page redesign work online and updated as necessary
2. Monitoring of CS Business Centers
3. Standard Media Releases for scheduled and emergency outage reporting is on-going
4. Education Outreach – random requests; ongoing
5. Compiling historic research on impact of power loss to GWA water well system

## Accomplishments

1. Redesigned GPA website online; nominated for APPA Excellence in Public Power Communications Award

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

10/17/2018



No corrective action required



Legend:  
Near-term corrective action required



Requires immediate attention

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