



CONSOLIDATED COMMISSION ON UTILITIES

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

GUAM POWER AUTHORITY WORK SESSION

CCU Conference Room

4:30 p.m., Tuesday, January 17, 2019

AGENDA

1. **ISSUES FOR DECISION**
 - 1.1 [Contract Extension with IP&E for GPA's Fuel Bulk Storage Facility / Resolution 2019-01](#)
 - 1.2 [Authorizing Construction for Tumon Bay Lateral Conversion Project / Resolution 2019-02](#)
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 – January 22, 2019](#)
6. **ADJOURNMENT**



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

Issues for Decision

Resolution No. 2019-01:

Relative to Authorizing the Management of Guam Power Authority for the first (1st) year extension the Contract for the Management, Operation and Maintenance of GPA's Fuel Bulk Storage Facility with IP&E.

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

The 2-Year based period of the contract with IP&E for the Management, Operation, and Maintenance of the GPA Fuel Bulk Storage Facility under GPA-014-17 is set to expire on September 30, 2019, with three optional one-year extension.

The objective is to continue and exercise the first (1st) year extension of the contract commencing in October 01, 2019, to ensure uninterrupted, reliable operation of the facility for the supply of fuel to the GPA plants.

Where is the location?

GPA Bulk Fuel Storage Facility.

How much will it cost?

The first (1st) year contract extension is estimated to cost about \$859,329.00 for the required services under the contract (Exhibit A).

When will it be completed?

The first (1st) year contract extension shall commence in October 1, 2019 and will expire in September 30, 2020.

What is its funding source?

The contract fees for the Management, Operation, and Maintenance of the facility will be funded under the fuel budget. Other services will be funded through O&M, and some through CIP if it involves procurement of equipment, construction, modification and others.

The RFP/BID responses:

IP&E Guam LLC has been awarded the contract through a multi-step IFB process.



CONSOLIDATED COMMISSION ON UTILITIES
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RESOLUTION NO. 2019-01

AUTHORIZING THE MANAGEMENT OF THE GUAM POWER AUTHORITY TO PETITION THE PUBLIC UTILITIES COMMISSION FOR THE EXTENSION OF THE EXISTING CONTRACT FOR THE MANAGEMENT, OPERATION AND MAINTENANCE OF THE GUAM POWER AUTHORITY'S FUEL BULK STORAGE FACILITY WITH ISLA PETROLEUM & ENERGY, LLC. (IP&E)

WHEREAS, the 2-Year based period of the contract with IP&E for the Management, Operation, and Maintenance of the GPA Fuel Bulk Storage Facility under GPA-014-17 is set to expire on September 30, 2019, with three optional one-year extension; and

WHEREAS, GPA negotiated and mutually agreed for the first (1st) year extension of the existing contract with IP&E for a term of one (1) year commencing in October 1, 2019; and

WHEREAS, the total requirement for the first (1st) year contract extension is estimated to cost of about \$859,329.00 (Exhibit A); and

WHEREAS, GPA has determined that the 3% increase in the contract fee is reasonable; and

WHEREAS, GPA is requesting for the approval of the first (1st) year extension of the contract.

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

1. The Guam Power Authority is hereby authorized to enter into a contract extension for the Management, Operation, and Maintenance of the GPA Fuel Bulk Storage Facility with IP&E for a period of 1 year commencing October 01, 2019.
2. The Guam Power Authority is hereby authorized to execute an agreement for the extension of the contract.
3. The General Manager of the Guam Power Authority is hereby authorized an increase in obligating authority to the annual value of the contract over \$750,000.00 and execute such agreements and documents necessary for a contract extension with **IP&E**.

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

DULY and REGULARLY ADOPTED this 22nd day of January 2019.

Certified by:

Attested by:

JOSEPH T. DUENAS
CHAIRMAN

MICHAEL T. LIMTIACO
SECRETARY

SECRETARY'S CERTIFICATE

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

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

Ayes: _____

Nays: _____

Absent: _____

Abstain: _____



CONSOLIDATED COMMISSION ON UTILITIES
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EXHIBIT A**GPA-014-17: GPA BULK FUEL FARM MANAGEMENT, OPERATION, AND MAINTENANCE CONTRACT**

IP &E Contract Price	2 YEAR BASE PERIOD (MANDATORY)			3-YEAR EXTENSION OPTION (RENEWABLE ANNUALLY)				2 YEAR BASE + 3 YEAR EXTENSION OPTION
	1st Year Oct2017-Sep2018	2nd Year Oct2018-Sep2019	Total	1st Yr Extn Oct2019-Sep2020	2nd Yr Extn Oct2020-Sep2021	3rd Yr Extn Oct2021-Sep2022	Total	Over-all
Item 1	\$ 516,560.00	\$ 532,056.80	\$ 1,048,616.80	\$ 548,018.50	\$ 564,459.06	\$ 581,392.83	\$ 1,693,870.39	\$ 2,742,487.19
Item 2	\$ 144,540.00	\$ 148,876.20	\$ 293,416.20	\$ 153,342.49	\$ 157,942.76	\$ 162,681.04	\$ 473,966.29	\$ 767,382.49
Item 3	\$ 35,000.00	\$ 36,050.00	\$ 71,050.00	\$ 37,131.50	\$ 38,245.45	\$ 39,392.81	\$ 114,769.76	\$ 185,819.76
Item 4	\$ 20,400.00	\$ 21,012.00	\$ 41,412.00	\$ 21,642.36	\$ 22,291.63	\$ 22,960.38	\$ 66,894.37	\$ 108,306.37
Item 5	\$ 2,500.00	\$ 2,575.00	\$ 5,075.00	\$ 2,652.25	\$ 2,731.82	\$ 2,813.77	\$ 8,197.84	\$ 13,272.84
Item 6	\$ 91,000.00	\$ 93,730.00	\$ 184,730.00	\$ 96,541.90	\$ 99,438.16	\$ 102,421.30	\$ 298,401.36	\$ 483,131.36
TOTAL (Items 1 thru 6)	\$ 810,000.00	\$ 834,300.00	\$ 1,644,300.00	\$ 859,329.00	\$ 885,108.88	\$ 911,662.13	\$ 2,656,100.01	\$ 4,300,400.01
Variance vs. Previous year	3%			3%	3%	3%		
Contract Status	Completed	In Progress		For Approval				

Legend: Bid Price Proposal Parameters for Mandatory Items

Remarks:

Item 1	Management and Administration Fees (Include all expenses for staffing, office maintenance, expenses for utilities and communications, management fees and administration fees)	Fixed Cost
Item 2	Security Contractor	Fixed Cost
Item 3	Spill Response Company Membership Fees	Fixed Cost
Item 4	Insurance Fees (Volume I - 5.41A)	Fixed Cost
Item 5	Inventory - Environmental / Oil Spill Equipment *Oil Spill Response & Environmental Compliance (OPA 90, SPCC and FRP, etc.)	Fixed Cost
Item 6	Operation and Maintenance Budget	Reimbursible Cost

EXHIBIT A

GPA-014-17: GPA BULK FUEL FARM MANAGEMENT, OPERATION, AND MAINTENANCE CONTRACT

IP &E Contract Price	2 YEAR BASE PERIOD (MANDATORY)			3-YEAR EXTENSION OPTION (RENEWABLE ANNUALLY)				2 YEAR BASE + 3 YEAR EXTENSION OPTION
	1st Year Oct2017-Sep2018	2nd Year Oct2018-Sep2019	Total	1st Yr Extn Oct2019-Sep2020	2nd Yr Extn Oct2020-Sep2021	3rd Yr Extn Oct2021-Sep2022	Total	Over-all
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Item 2	\$ 144,540.00	\$ 148,876.20	\$ 293,416.20	\$ 153,342.49	\$ 157,942.76	\$ 162,681.04	\$ 473,966.29	\$ 767,382.49
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Variance vs. Previous year		3%		3%	3%	3%		
Contract Status	Completed	In Progress		For Approval				
Cumulative Cost	\$ 810,000.00	\$ 1,644,300.00		\$ 2,503,629.00	\$ 3,388,737.88	\$ 4,300,400.01		

Legend: Bid Price Proposal Parameters for Mandatory Items

		Remarks:
Item 1	Management and Administration Fees (Include all expenses for staffing, office maintenance, expenses for utilities and communications, management fees and administration fees)	Fixed Cost
Item 2	Security Contractor	Fixed Cost
Item 3	Spill Response Company Membership Fees	Fixed Cost
Item 4	Insurance Fees (Volume I - 5.41A)	Fixed Cost
Item 5	Inventory - Environmental / Oil Spill Equipment Oil Spill Response & Environmental Compliance (OPA 90, SPCC and FRP, etc.)	Fixed Cost
Item 6	Operation and Maintenance Budget	Reimbursible Cost

GPA Work Session - January 17, 2019 - ISSUES FOR DECISION

EXHIBIT B

Multi-Step IFB GPA-014-17
BID PRICE PROPOSAL ANALYSIS

BID PRICE - IP &E

Bid Price Proposal*	Base Period- Year 1	Base Period- Year 2	1st Year Extn Option	2nd Year Extn Option	3rd Year Extn Option	2 YEAR BASE PERIOD (MANDATORY)	2 YEAR BASE + 3 YEAR EXTENSION OPTION
Item 1	\$ 516,560.00	\$ 532,056.80	\$ 548,018.50	\$ 564,459.06	\$ 581,392.83	\$ 1,048,616.80	\$ 2,742,487.19
Item 2	\$ 144,540.00	\$ 148,876.20	\$ 153,342.49	\$ 157,942.76	\$ 162,681.04	\$ 293,416.20	\$ 767,382.49
Item 3	\$ 35,000.00	\$ 36,050.00	\$ 37,131.50	\$ 38,245.45	\$ 39,392.81	\$ 71,050.00	\$ 185,819.76
Item 4	\$ 20,400.00	\$ 21,012.00	\$ 21,642.36	\$ 22,291.63	\$ 22,960.38	\$ 41,412.00	\$ 108,306.37
Item 5	\$ 2,500.00	\$ 2,575.00	\$ 2,652.25	\$ 2,731.82	\$ 2,813.77	\$ 5,075.00	\$ 13,272.84
Item 6	\$ 91,000.00	\$ 93,730.00	\$ 96,541.90	\$ 99,438.16	\$ 102,421.30	\$ 184,730.00	\$ 483,131.36
TOTAL	\$ 810,000.00	\$ 834,300.00	\$ 859,329.00	\$ 885,108.88	\$ 911,662.13	\$ 1,644,300.00	\$ 4,300,400.01
Escalation/(Descalation)		3%	3%	3%	3%		

BID PRICE- TRISTAR

Bid Price Proposal*	Base Period- Year 1	Base Period- Year 2	1st Year Extn Option	2nd Year Extn Option	3rd Year Extn Option	2 YEAR BASE PERIOD (MANDATORY)	2 YEAR BASE PERIOD + 3 YEAR EXTENSION OPTION
Item 1	\$ 514,322.92	\$ 540,039.06	\$ 567,041.02	\$ 595,393.07	\$ 625,162.72	\$ 1,054,361.98	\$ 2,841,958.79
Item 2	\$ 156,128.75	\$ 163,935.19	\$ 172,131.95	\$ 180,738.54	\$ 189,775.47	\$ 320,063.94	\$ 862,709.90
Item 3	\$ 36,458.33	\$ 38,281.25	\$ 40,195.31	\$ 42,205.08	\$ 44,315.33	\$ 74,739.58	\$ 201,455.30
Item 4	\$ 16,515.68	\$ 17,341.47	\$ 18,208.54	\$ 19,118.97	\$ 20,074.91	\$ 33,857.15	\$ 91,259.57
Item 5	\$ 15,191.88	\$ 15,951.47	\$ 16,749.04	\$ 17,586.49	\$ 18,465.82	\$ 31,143.35	\$ 83,944.70
Item 6	\$ 154,583.33	\$ 159,988.06	\$ 184,101.53	\$ 191,391.97	\$ 219,304.04	\$ 314,571.39	\$ 909,368.93
TOTAL	\$ 893,200.89	\$ 935,536.50	\$ 998,427.39	\$ 1,046,434.12	\$ 1,117,098.29	\$ 1,828,737.39	\$ 4,990,697.19
Escalation/(Descalation)		5%	7%	5%	7%		

* Reference: GPA-014-17 Bid Abstract



GUAM POWER AUTHORITY
ATURIDÁT ILEKTRESEDÁT GUAHAN
P.O. BOX 2977, HÅGATÑA, GUAM 96932-2977

December 21, 2018

IP&E Holdings, LLC
Suite 100, 643 Chalan San Antonio
Tamuning, Guam 96931-3644
Fax: 671-649-4353

ATTN: Mr. Brian Bamba- Managing Director

SUBJECT : Notice of Intent – Extension of Contract
Re: Management, Operation, and Maintenance of the GPA Bulk Fuel
Storage Facility (GPA-14-17)

Dear Mr. Bamba:

The 2-year base term of the contract for the Management, Operation, and Maintenance of the GPA Bulk Fuel Storage Facility under GPA-014-17 will expire on September 30, 2019. This contract does include three optional one-year extensions with mutual agreement of both parties.

Reference to your December 13, 2018 letter and pursuant to Section 5.2 of the contract, GPA wishes to exercise the contract extension option.

With your concurrence, the first (1st) year extension of the Contract under GPA-014-17 shall commence in October 01, 2019 and shall expire on September 30, 2020 at the same contract price schedule for the first (1st) year extension. All other terms and conditions shall remain unchanged.

GPA appreciates the competence and delivery of services you have provided in improving the facility.

Extension of the contract shall be subject to the approval of the Consolidated Commission on Utilities (CCU) and the Public Utilities Commission (PUC).

Thank you.

Sincerely,


JOHN M. BENAVENTE, P.E.
General Manager

CONCURRED by (IP&E):

BRIAN BAMBA
Managing Director

Date

**AMENDMENT NO.1
TO THE GPA BULK FUEL STORAGE FACILITY CONTRACT**

This FIRST AMENDMENT to the CONTRACT for the Management, Operation, and Maintenance of the GPA Bulk Fuel Storage Facility, reference GPA-014-17 is made by and between the **GUAM POWER AUTHORITY** ("GPA") and **IP&E** ("Contractor").

RECITALS

WHEREAS, GPA and Contractor entered into a certain contract for the Management, Operation, and Maintenance of the GPA Bulk Fuel Storage Facility, reference GPA-014-17, effective October 1, 2017 (the "Contract"); and

WHEREAS, the Contract provides in Section 5 thereof for a two (2) year term with the option of GPA to extend for three (3) additional terms of one (1) year each subject to the mutual agreement of the parties; and

WHEREAS, the initial two (2) year term of the Contract will expire on September 30, 2019; and

WHEREAS, GPA desires to exercise its contract extension option; and

WHEREAS, GPA and the Contractor have mutually agreed on the terms of the first (1st) year extension, for a period of one (1) year commencing on October 1, 2019 and terminating on September 30, 2020.

WITNESSETH

That in consideration of the foregoing and of other good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, GPA and the Contractor agree as follows:

1. **EXTENSION OF THE TERM.** The term of the Contract, is hereby extended for a period of one (1) year commencing on October 1, 2019 and terminating on September 30, 2020.

2. **NO OTHER MODIFICATION.** Except as expressly amended hereby, all other terms and conditions of the Contract shall remain unchanged.

3. **EFFECTIVE DATE.** This First Amendment shall be effective as of October 1, 2019 (the "Effective Date").

IN WITNESS HEREOF, the parties hereto have caused this Amendment to be executed this ____th day of _____.

GUAM POWER AUTHORITY

IP&E Guam

By: _____
Name: **JOHN M. BENAVENTE, P.E.**
Its: **GENERAL MANAGER**

By: _____
Name: **BRIAN BAMBA**
Its: **MANAGING DIRECTOR**

APPROVED AS TO LEGAL FORM AND SUFFICIENCY:

By: _____
Name: **GRAHAM BOTHA**
Its: **GPA LEGAL COUNSEL**



Attention:

December 13, 2018

Guam Power Authority
PO Box 2977
Hagatna, Guam 96932

John Cruz, Jennifer Sablan, and Albert Florencio
Strategic Planning and Operations Research Division

Reference: GPA-014-17 Management, Operation and Maintenance of the Guam Power Authority Fuel Bulk Storage Facility

Mr. Cruz, Mrs. Sablan, Mr. Florencio,

In response to the Guam Power Authority's email *Subject: GPA-014-17 (GPA Fuel Farm Contract)*, I am pleased to confirm that IP&E is agreeable to exercise the 1st Year Contract Extension Option for the Management, Operation and Maintenance of the Guam Power Authority Fuel Bulk Storage Facility as per our proposal submitted on January 25th, 2017.

Based on the positive feedback received from Guam Power Authority personnel who have visited the facility, various 3rd party contractors familiar with the facility pre and post IP&E Management, the United States Coast Guard, and the Environmental Protection Agency, I am confident that the past 14 months of our Management has been beneficial to GPA.

I would like to continue to focus on improvements which ensure the long term viability, safe operation, and regulatory compliance of the GPA storage facility. We have raised concerns over the course of the initial term of the contract, which I hope GPA will take serious consideration in ensuring these matters are prioritized.

Kindly advise the Guam Power Authority's intention for the 1st Year Contract Extension Option so IP&E can plan accordingly.

Regards,

A handwritten signature in black ink, appearing to be "B. Bamba", enclosed within a circular scribble.

Brian Bamba
Managing Director
IP&E Holdings, LLC.

IP&E Holdings, LLC.

dba: IP&E Guam

Suite 100, 643 Chalan San Antonio
Tamuning, Guam 96913-3644
Tel: 671-647-0000 | Fax: 671-649-4353
Email: corporate@ipehq.com



Shell Licensee



GUAM POWER AUTHORITY

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

Issues for Decision

Resolution No. 2019-02:

Relative to Authorize Expenditure for the Construction of the Tumon Bay Lateral Conversion Project

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

The Tumon Bay Lateral Underground Conversion Project is designed to convert the existing overhead laterals along San Vitores Road to an underground system. The project will also upgrade the system to address voltage delivery issues. This project will provide an underground system that will remain intact in the event of a typhoon, consequently greatly minimizing restoration efforts for this area. The project was originally planned to install a primary and secondary underground system along 11 sites along San Vitores Road in Tumon. Based on available funding, the project will convert five sites (Fiesta Hotel Lateral, Dai Ichii Condo Site, Behind Pacific Bay Hotel, Behind DFS, and the Lotte and Nikko Hotel Areas).

The primary line will be placed underground and residential and commercial customers within the project area will be converted to an underground service through pad-mounted transformers.

Where is it at?

Tumon

How much will it cost?

Total Cost for the **five sites** \$5,280,033

Tumon Lateral - Job Order 100114	Estimated Cost	Core Tech Bid Cost
Mobilization/Demobilization		\$ 1,106,341.00
Permits		\$ 83,573.00
Site 1, Fiesta Hotel	\$ 371,367.00	\$ 403,149.00
Site 2, Dai Ichii	\$ 618,945.00	\$ 326,313.00
Site 3, Cushing Zoo	\$ 200,538.18	\$ 553,748.00
Site 4, Behind Bank of Guam	\$ 800,502.20	\$ 672,179.00
Site 5, Behind San Vitores church	\$ 470,398.20	\$ 501,161.00
Site 6, Behind Acanta Mall	\$ 264,083.20	\$ 201,055.00
Site 7, Behind Pacific Bay Hotel	\$ 577,682.00	\$ 341,829.00
Site 8, Behind Tumon Sands	\$ 1,171,869.20	\$ 1,029,309.00
Site 9, Behind Park Arcade Building	\$ 379,619.60	\$ 527,479.00
Site 10, Behind DFS	\$ 2,989,916.98	\$ 1,530,017.00
Site 11, Nikko	\$ 1,605,130.70	\$ 1,488,811.00
TOTAL	\$ 9,450,052.26	\$ 8,764,964.00
Total Site for Sites 1,2,7,10, 11 and Mobilization and Permits ONLY	\$5,280,033.00	

When will it be completed?

Time delivery to complete work is 12 months upon issuance of NTP.

What is its funding source?

GPA 2010 Revenue-Bonds

Current Budget:	\$2,552,000
Reallocated Bond Funds:	<u>\$2,800,000</u>
	\$5,352,000

The RFP/BID responses:

Core Tech and Kinden were the only bidders.

See attached Bid Abstract.



CONSOLIDATED COMMISSION ON UTILITIES

Guam Power Authority | Guam Waterworks Authority

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Resolution No. 2019-02
Authorizing Expenditure for the Construction of the
Tumon Bay Lateral Conversion Project

WHEREAS, GPA seeks to mitigate against future damages associated with typhoons on existing overhead distribution lines; and

WHEREAS, the construction of the Tumon Bay Lateral Conversion Project will provide an underground system that will remain intact in the event of a typhoon, minimizing restoration efforts in the Tumon Bay area, thus improving service reliability; and

WHEREAS, Tumon is the center of Guam's tourism industry and thus, improving service reliability to Tumon will greatly benefit the people of Guam; and

WHEREAS, GPA has secured Bond funding necessary for the Tumon Bay Lateral Conversion Project; and

WHEREAS, GPA has obtained PUC approval to proceed with the Tumon Bay Lateral Conversion Project through PUC Order in Docket 10-01; and

WHEREAS, GPA has justified the project by conducting a cost-benefits analysis which show that the benefits gained by the completion of the project outweigh the expenditures; and

WHEREAS, GPA seeks construction services for the Tumon Bay Lateral Conversion Project involving the conversion of existing overhead lines to underground in order to significantly increase system reliability in a cost-effective manner; and

WHEREAS, GPA's Procurement office has provided adequate public announcement for the required services for Tumon Bay Lateral Conversion Project through Bid Invitation No. GPA-061-18 providing the project specifications and information required of each offeror; and

Whereas, Kinden Corporation and CoreTech International submitted bids for GPA's consideration; and

30 **WHEREAS**, GPA's Evaluation Committee has determined CoreTech
31 International to be the lowest responsive bidder at \$8,764,964; and

32 **WHEREAS**, GPA has secured \$5.8M for the Tumon Bay Lateral Conversion
33 Project through 2010 Revenue Bonds; and

34 **WHEREAS**, CoreTech International has submitted the necessary information and
35 interest in providing such service; and

36 **WHEREAS**, the award of this Purchase Order to CoreTech International has
37 been made pursuant to a written finding by the Procurement Officer that CoreTech
38 International's offer meets the requirements of GPA's specifications and has been
39 determined to be fair and reasonable.

40
41 **NOW, THEREFORE, BE IT RESOLVED**, by the Consolidated Commission
42 on Utilities as follows:

- 43
44 1. After careful consideration, the Consolidated Commission on Utilities finds the
45 procurement of the required services for the Tumon Bay Lateral Conversion Project
46 to be reasonable and prudent.
- 47 2. The General Manager of GPA is hereby authorized an increase in obligating authority
48 from \$750,000 to \$5,280,033 for the purpose of securing construction services for the
49 Tumon Bay Lateral Conversion Project with CoreTech International.

50
51 **RESOLVED**, that the Chairman of the Commission certifies and the Board
52 Secretary attests the adoption of this Resolution.

53
54 **DULY AND REGULARLY ADOPTED AND APPROVED THIS 22ND DAY**
55 **OF JANUARY, 2019.**

56 Certified by:

Attested by:

57
58
59 _____
60 **JOSEPH T. DUENAS**
61 **CHAIRMAN**

MICHAEL T. LIMTIACO
SECRETARY

SECRETARY'S CERTIFICATE

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

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

Ayes: _____

Nays: _____

Absent: _____

Abstain: _____

RESOLUTION 2019-02

UNDERGROUND PROJECT FOR TUMON LATERALS

JANUARY 2019

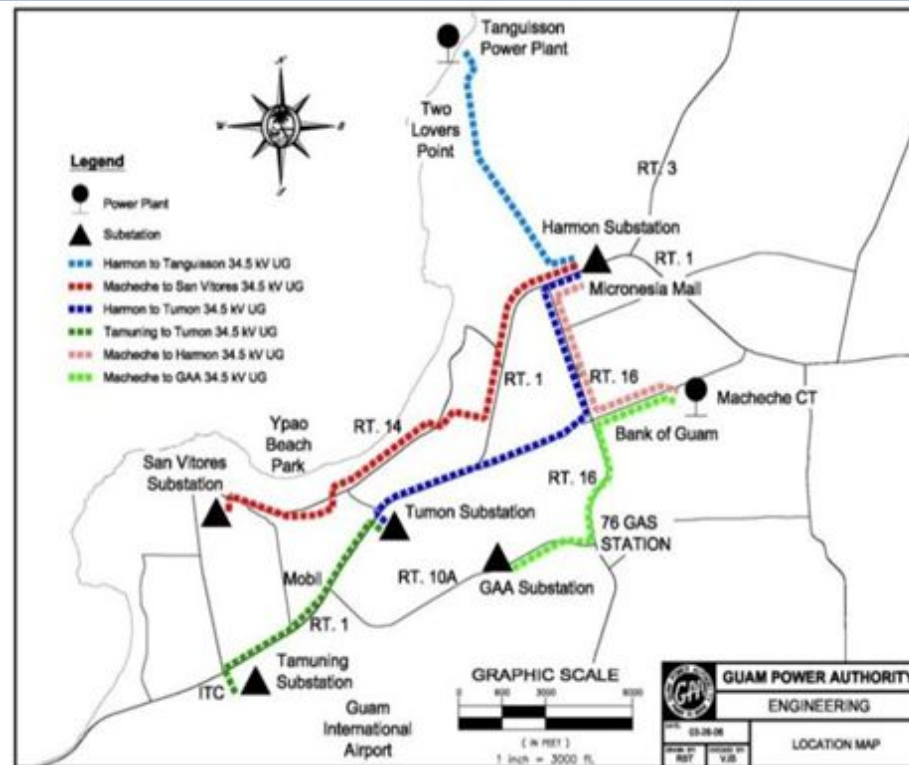


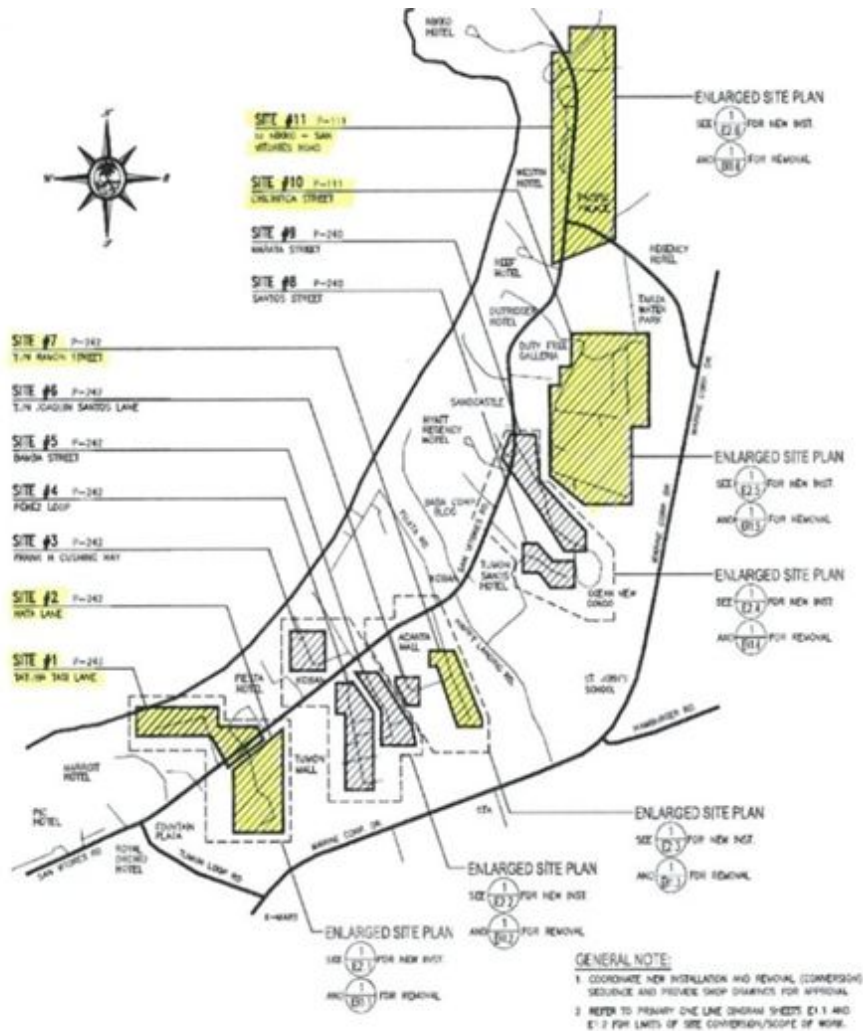
T&D Investment and Strategies

GPA continues to invest in system reliability projects to stabilize revenues and enhance system efficiency

- GPA has placed vital power transmission lines underground that connect system to key components of Guam's economy
- 60% of system load is served through new underground infrastructure
- GPA continues to harden its overhead system by replacing wood poles with concrete (over 87% hardened to date)
- GPA continues its village underground hybrid system which places secondary lines underground
- Resolution 2019-02 allows for the continuation of underground projects in the Tumon area. Main line in red is already underground. This project is to underground the high load density laterals

System Hardening

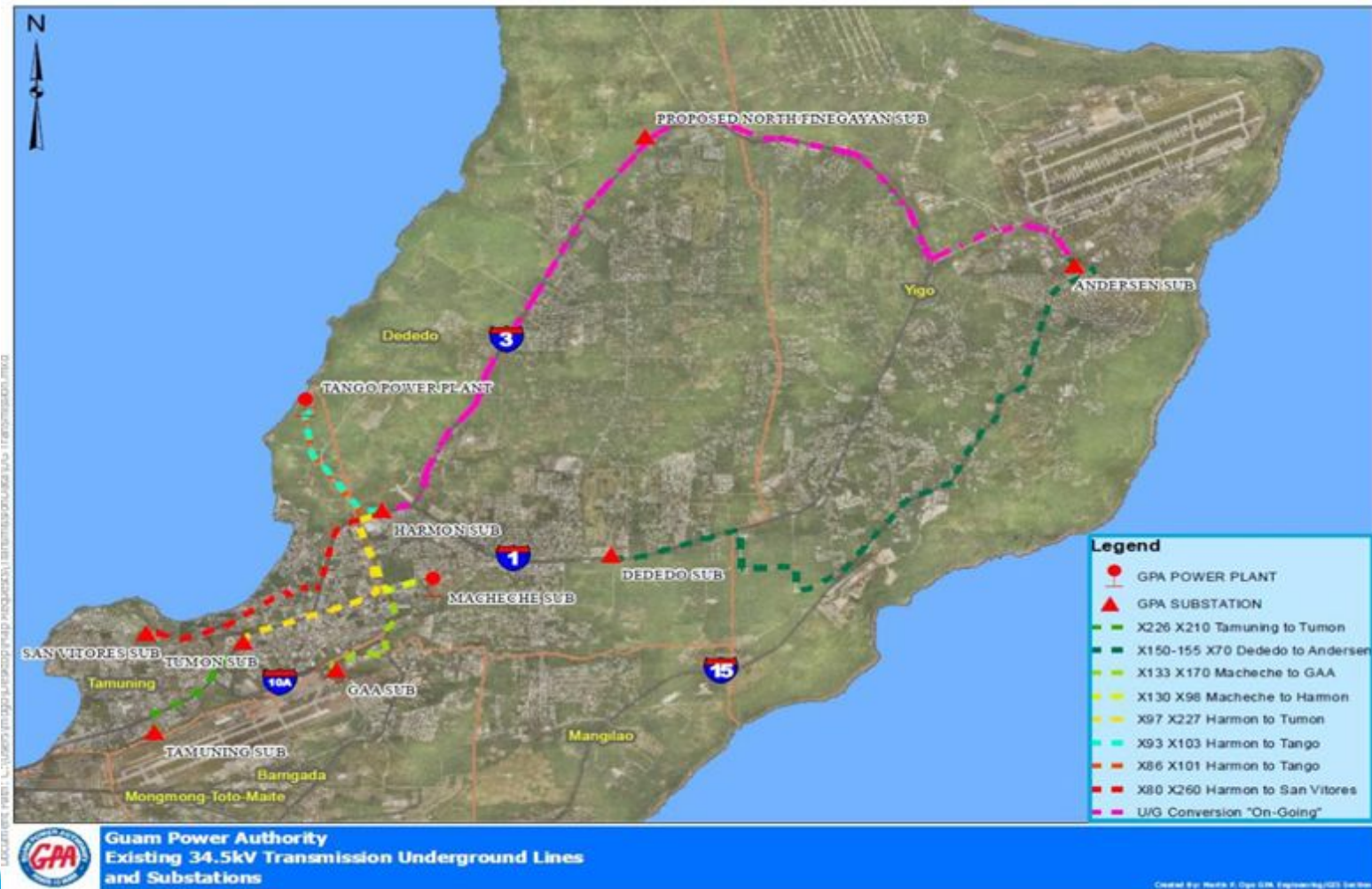




Cost of the Five Sites

Tumon Lateral - Job Order 100114	Connected Load KVA	Load Share	Core Tech		
			Bid Cost	Cost Share	Load Share/Cost Share
Mobilization/Demobilization			\$ 1,106,341.00		
Permits			\$ 83,573.00		
Site 1, Fiesta Hotel	2,800	13.70%	\$ 403,149.00	4.60%	2.98
Site 2, Dai Ichii	1,000	4.89%	\$ 326,313.00	3.72%	1.31
Site 3, Cushing Zoo	1,000	4.89%	\$ 553,748.00	6.32%	0.77
Site 4, Behind Bank of Guam	392	1.92%	\$ 672,179.00	7.67%	0.25
Site 5, Behind San Vitores church	442	2.16%	\$ 501,161.00	5.72%	0.38
Site 6, Behind Acanta Mall	167	0.82%	\$ 201,055.00	2.29%	0.36
Site 7, Behind Pacific Bay Hotel	1,850	9.05%	\$ 341,829.00	3.90%	2.32
Site 8, Behind Tumon Sands	650	3.18%	\$ 1,029,309.00	11.74%	0.27
Site 9, Behind Park Arcade Building	734	3.59%	\$ 527,479.00	6.02%	0.60
Site 10, Behind DFS	4,400	21.53%	\$ 1,530,017.00	17.46%	1.23
Site 11, Nikko	7,000	34.25%	\$ 1,488,811.00	16.99%	2.02
Total:	20,435	100.00%	\$ 8,764,964.00	100.00%	
			Cost		
1. Award Site 1, 2, 7, 10 and 11			\$ 5,280,033.00		

Underground Transmission System (North)





Guam Power Authority New Generation Infrastructure Lot 5010-1New&5042-R1&5042-1

Document Path: C:\Users\muna\Desktop\GIS\DATA REQUEST\NEW GENERATION PROJECT LAND ACQUISITION 2017\316\AKD\New Generation Infrastructure Lot 5010-1New&5042-R1&5042-1.mxd

MAP CREATED BY:
Timothy C.S. Muna
GPA Engineering GIS Section

DISCLAIMER:
This information is provided as for
official use only and not to be
used for resale or similar.
All locations and dimensions
are approximate.



Concrete and Steel Pole Counts

87.8% of System Hardened

Pole Type	Count
Wood	4,443
Concrete	29,751
Steel	2,086
TOTAL	36,280

Kaiser Hybrid Project



INVESTMENTS IN VILLAGE HYBRID SYSTEMS U/G

Description	# of Customers	Cost	Year
Agat Village Hybrid	476	\$4,346,000	2013
Dededo Kaiser Hybrid	369	\$1,100,000	2002
Dededo Village Hybrid	456	\$2,000,000	2002
Santa Rita Village Hybrid	239	\$1,700,000	2001
Talofofo Village Hybrid	242	\$2,500,000	1998
Talofofo As Lucas Hybrid	88	\$900,000	1997



Underground Secondary System (21% of Customers)

Village	Count
Agana Heights	258
Agat	575
Asan	264
Barrigada	452
Dededo	3,527
Hagatna	91
Inarajan	32
Mangilao	229
Merizo	38
Ordot/ Chalan Pago	373
Santa Rita	268
Sinajana	665
Tamuning	2,321
Tumon	407
Umatac	29
Yigo	505
Yona	732
TOTAL	10,766

GPA Resolution No. 2019-02

10

Relative to Authorizing Expenditure for the Construction of the Tumon Bay Lateral Conversion Project

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

The Tumon Bay Lateral Underground Conversion Project is designed to convert the existing overhead laterals along San Vitores Road to an underground system. The project will also upgrade the system to address voltage delivery issues. This project will provide an underground system that will remain intact in the event of a typhoon, consequently greatly minimizing restoration efforts for this area. The project was originally planned to install a primary and secondary underground system along 11 sites along San Vitores Road in Tumon. Based on available funding, the project will convert five sites (Fiesta Hotel Lateral, Dai Ichi Condo Site, Behind Pacific Bay Hotel, Behind DFS, and the Lotte and Nikko Hotel Areas). The primary line will be placed underground and residential and commercial customers within the project area will be converted to an underground service through pad-mounted transformers.

Where is it at?

Tumon



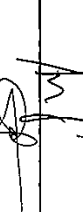


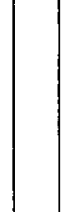
How much will it cost?

Total Cost for the five sites \$5,280,033

Tumon Lateral - Job Order 100114	Estimated Cost	Core Tech Bid Cost
Mobilization/Demobilization		\$ 1,106,341.00
Permits		\$ 83,573.00
Site 1, Fiesta Hotel	\$ 371,367.00	\$ 403,149.00
Site 2, Dai Ichii	\$ 618,945.00	\$ 326,313.00
Site 3, Cushing Zoo	\$ 200,538.18	\$ 553,748.00
Site 4, Behind Bank of Guam	\$ 800,502.20	\$ 672,179.00
Site 5, Behind San Vitores church	\$ 470,398.20	\$ 501,161.00
Site 6, Behind Acanta Mall	\$ 264,083.20	\$ 201,055.00
Site 7, Behind Pacific Bay Hotel	\$ 577,682.00	\$ 341,829.00
Site 8, Behind Tumon Sands	\$ 1,171,869.20	\$ 1,029,309.00
Site 9, Behind Park Arcade Building	\$ 379,619.60	\$ 527,479.00
Site 10, Behind DFS	\$ 2,989,916.98	\$ 1,530,017.00
Site 11, Nikko	\$ 1,605,130.70	\$ 1,488,811.00
TOTAL	\$ 9,450,052.26	\$ 8,764,964.00
Total Site for Sites 1,2,7,10, 11 and Mobilization and Permits ONLY	\$5,280,033.00	



NAMES OF PERSONS PRESENT AT THE BID OPENING AND WHOM THEY REPRESENT

PRINT NAME:	COMPANY NAME:	SIGNATURE:	DATE:
1 Vincent Simon	GPA		10/31/2018
2 MARIO ACARDO	KUDON Corp.		10/31/2018
3 AL MARRAS	KUDON Corp.		10/31/2018
4 ALON ELAMPAZO	CORE TECH		10/31/2018
5 RAHIM JAVELOSA	CORE TECH		10/31/18
6 GENDY DAYAG	CORE TECH		10/31/18
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			
21			

NUMBER OF INVITATIONS ISSUED:

3

NUMBER OF BIDS RECEIVED:

2

INVITATION NUMBER:

GPA-061-18

OPENING DATE:

Oct. 31, 2018

OPENING TIME:

3:00 pm



PROCUREMENT DIVISION

GUAM POWER AUTHORITY

ABSTRACT OF BIDS

DESCRIPTION OF SUPPLIES OR SERVICES:

Tumon Lateral Conversion Project

DESCRIPTION	QTY.	UNIT	DELIVERY	UNIT COST	PART NUMBER	CATALOG NUMBER	MANUFACTURER	DELIVERY	TOTAL LUMP SUM
BID DATA Vendor Name: <u>Core Tech International Corporation</u> Bid Bond #: <u>MO Bid Bond #</u> Amount: \$ <u>157 of Bid Amount</u> <input checked="" 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 # _____ Amount \$ _____ <input type="checkbox"/> Cashier's or Certified Check # _____ Amount \$ _____ <input type="checkbox"/> Wire Transfer									
STATEMENT OF QUALIFICATIONS <input checked="" type="checkbox"/> Affidavits (Original Form) <input type="checkbox"/> Affidavits (Copy Form): Originals submitted with _____ <input checked="" type="checkbox"/> Major Shareholders <input checked="" type="checkbox"/> Non-Collusion <input checked="" type="checkbox"/> No Gratuities or Kickbacks <input checked="" type="checkbox"/> Ethical Standards <input checked="" type="checkbox"/> Wage Determination <input checked="" type="checkbox"/> Restriction Against Sex Offenders <input type="checkbox"/> Business License <input checked="" type="checkbox"/> Contractors License <input type="checkbox"/> Local Procurement Signed and Submitted <input type="checkbox"/> Literature									
ITEMS UNIT COST PART NUMBER CATALOG NUMBER MANUFACTURER DELIVERY TOTAL LUMP SUM: <u>365 calendar days after MFR</u> <u>\$8,764,964--</u>									
ITEMS UNIT COST PART NUMBER CATALOG NUMBER MANUFACTURER DELIVERY TOTAL LUMP SUM:									

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

10/31/18

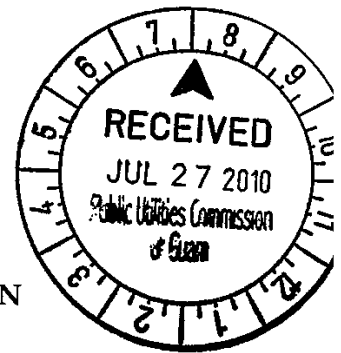
DATE:

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

PAGE 2 OF 2

NAMES OF PERSONS PRESENT AT THE BID OPENING AND WHOM THEY REPRESENT

	PRINT NAME:	COMPANY NAME:	SIGNATURE:	DATE:
1				
2				
3				
4				
5				
6				
7				
8				
9				
10				
11				
12				
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17				
18				
19				
20				
21				



BEFORE THE GUAM PUBLIC UTILITIES COMMISSION

IN THE MATTER OF:)
Guam Power Authority's Petition for) GPA Docket 10-01
Contract Review Approval of 2010)
Bond Financed Projects)
_____)

ORDER

This matter comes before the Guam Public Utilities Commission [PUC] upon Guam Power Authority's [GPA] Petition for PUC Review and Approval of certain 2010 Bond financed projects.¹ Previously, on June 3, 2010, the PUC approved the 2010 GPA Revenue Bond and Subordinate Bond issuance.² At that time, the PUC was advised by GPA as to specific projects for which it would seek PUC approval; the projects for which bond funding was sought were set forth in its Supplemental Filing.³

PUC Counsel issued his report herein on July 15, 2010.⁴ Counsel recommends that the PUC approve the twelve projects which GPA seeks to fund from bond proceeds under the 2010 Revenue Bond issue.⁵ For each of the twelve projects which it seeks to finance through Revenue Bonds, GPA has provided detailed project descriptions, justifications, consideration of alternatives and cost-benefit analyses.⁶ In each case, GPA's projections showed that the benefits of the project outweigh the costs. Overall, projects such as Substation Upgrades, Pole Hardening, Fire Protection Upgrades, and Distribution Projects should improve the reliability of the power system and protect it against potential harm and damage. PUC finds that each of the projects proposed are prudent and in the interest of rate payers.

¹ GPA Petition for Contract Review and Approval of 2010 Bond Projects, GPA Docket 10-01, filed July 12, 2010.

² PUC Order Approving Revenue and Subordinate Revenue Bonds and Order Approving Long Term Debt, GPA Docket 10-01, issued June 3, 2010.

³ GPA Supplemental Filing, GPA Docket 10-01, filed May 20, 2010.

⁴ PUC Counsel Report, GPA Docket 10-02, issued July 15, 2010.

⁵ Id. at p. 4.

⁶ See Project Descriptions attached to GPA's Petition for Contract Review of Approval of 2010 Bond Projects.

Order
 Contract Review of GPA 2010 Bond Projects
 GPA Docket 10-01
 July 27, 2010

Upon consideration of the record herein, the Petition of GPA for approval of 2010 Bond Projects, the PUC Legal Counsel Report, and for good cause shown, upon motion duly made seconded and carried by the affirmative vote of the undersigned Commissioners, the Commission hereby ORDERS that:

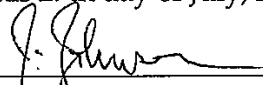
1. The GPA Petition for Review and Approval of 12 2010 bond projects is hereby approved.
2. The twelve 2010 bond projects for which GPA seeks to expend bond funds are reasonable, prudent and necessary.
3. Approval is granted for the following projects, and in the following amounts:

Projects	Total Cost
1. Agana Substation Capacity Upgrade	\$1,250,000
2. Agat Village Pole Hardening & Hybrid	\$3,800,000
3. Ambient Air Quality Monitoring	\$1,900,000
4. Dededo Substation Upgrade	\$4,655,000
5. Distribution System Performance Improvements	\$1,000,000
6. Fire Protection Upgrades at Power Plants	\$3,880,000
7. Line Reclosing and Load Profiling	\$1,200,000
8. P003 Underground Extension to Port Authority	\$4,775,650
9. System Protection Relaying Improvement	\$1,893,000
10. Tumon Bay Lateral Conversion	\$6,582,838
11. Tumon Substation Upgrade	\$1,530,000
12. Underground Fuel Pipeline Conversion	\$2,150,000
GRAND TOTAL	\$34,616,488

4. GPA is ordered to pay the Commission's regulatory fees and expenses, including, without limitation, consulting and counsel fees and the fees and expenses of conducting the hearing proceedings. Assessment of PUC's regulatory fees and expenses is authorized pursuant to 12 GCA §§12002(b) and 12024(b), and Rule 40 of the Rules of Practice and Procedure before the Public Utilities Commission.

Order
Contract Review of GPA 2010 Bond Projects
GPA Docket 10-01
July 27, 2010

Dated this 27th day of July, 2010.




Jeffrey C. Johnson
Chairman




Joseph M. McDonald
Commissioner

Rowena E. Perez
Commissioner



Filomena M. Cantoria
Commissioner



Michael A. Pangelinan
Commissioner

GENERAL MANAGER'S REPORT

JANUARY 2019



1. **Generation System:** The following summarizes the generation forecast for February 2019:
 Projected Available Capacity: 322 MW
 Projected Demand: 220 MW
 Anticipated Reserve Margin: 102 MW
 - MEC 9 scheduled for overhaul Feb. 20th to March 5th.
 - Demand expected to be lower than February 2018
2. **New 40 MW Energy Storage Systems:** The completion of the 16 MW and 24 MW Energy Storage battery systems are now scheduled for the end of March 2019. The project will improve reliability by mitigating most of the outages due to the tripping of generators and the solar PV farm intermittency (see following pages) related outages by over 70%.
3. **Demand Side Management (DSM):** DSM Program reduces peak demand and reduces LEAC cost for all customers at a one time fixed rebate. GPA needs to add funding to DSM because the current funding of \$2.9M will be exhausted by next month.

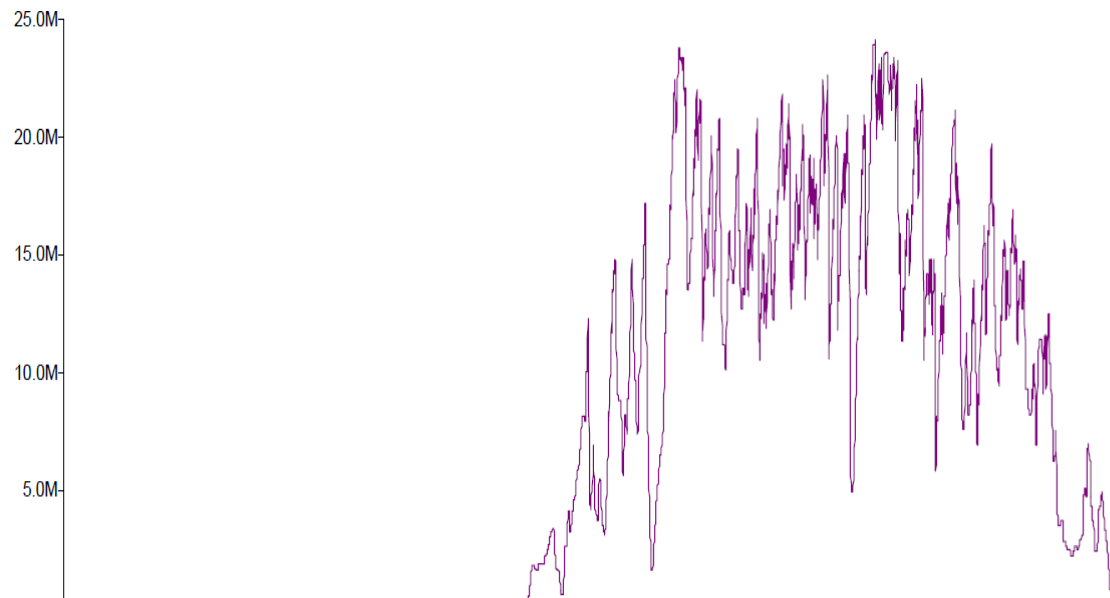
DSM PROGRAM SUMMARY

Description	FY16	FY17	FY18	FY19 thru 10/31/18*	Total to Date
Regular/OT Pay	\$ 11,349	\$ 22,256	\$ 26,122	\$ 12,379	\$ 72,106
Other Contractual	\$ 28,279	\$ 85,550	\$ 116,978	\$ 3,025	\$ 233,831
Bank Fees	\$ 155	\$ 1,032	\$ 1,085	\$ 65	\$ 2,337
Paid Rebates–Split AC	\$ 154,700	\$ 557,275	\$ 1,247,000	\$ 161,150	\$ 2,120,125
Paid Rebates– Central AC	\$ 3,400	\$ 8,200	\$ 4,400	\$ -	\$ 16,000
Paid Rebates– Washer/Dryer	\$ 2,800	\$ 7,425	\$ 48,800	\$ 10,000	\$ 69,025
Total Expenses	\$200,682	\$681,738	\$1,444,384	\$186,619	\$2,513,424



Solar PV Farm Intermittency

NRG Production Curve for Jan 14, 2018
Expect Similar Curve from 20 MW of NEM PV



Energy Storage Systems (ESS) Commissioning

4

Agana Substation ESS Project (24 MW/ 6MWH)



PCS &
Transformers

Grading, trenching,
conduit installation,
and PCS and
transformer
foundation



Energy Storage Systems (ESS) Commissioning

5

Talofofo Substation ESS Project (16MW/16MWH)



PCS

Grading, trenching,
conduit installation,
and PCS and
transformer
foundation



4. REVISED SCHEDULE FOR NEW POWER PLANT PROCUREMENT

No.	Activity	Duration (Days)	Cumulative Duration (Days)	Expected Completion
1	IFB Issued to Potential Bidders			10/1/2018
2	Pre-Bid Meeting with Bidders	30	30	11/5/2018
3	Site Visit	1	31	11/6/2018
4	Cut-Off Date for Receipt of Questions	1	32	12/19/2018
STEP 2 - TECHNICAL PROPOSAL EVALUATION				
5	Bid Date - Envelope I and II with exception of Fixed Cap Charge submitted to GPA.	141	141	2/19/2019
6	Complete Evaluation of Technical Proposals & Notify Bidders	45	186	4/5/2019
7	Submission of Price Proposal Deadline Fixed Capacity Charge (Envelope III)	179	179	3/29/2019
STEP 3 - PRICE PROPOSAL EVALUATION				
8	Conduct Envelope II & III Public Bid Opening Meeting	14	200	4/19/2019
9	Complete Evaluation of Envelope II & III; Invite the First-Ranked Bidder to Clarification Meeting	14	214	5/3/2019
10	Conduct Clarification Meeting(s) with First-Ranked Bidder and other top-ranked Bidders as required and selection of the Selected Bidder.	28	242	5/31/2019
11	Complete Negotiations of ECA with the Selected Bidder.	70	312	8/9/2019
12	GPA Rate Impact Study			8/9/2019
13	CCU Worksession			8/19 Session
14	CCU Meeting			8/19 Meeting
15	PUC Meeting			9/30/2019
16	Obtain CCU and PUC approval	52	364	9/30/2019
17	Sign the ECA with the Selected Bidder.	1	365	10/1/2019
18	IPP achieves financial close and starts construction.	180	545	3/29/2020
19	Phase 1 Commercial Operation Date	600	1145	11/19/2021
20	Phase 2 Commercial Operation Date	300	1445	9/15/2022

5. **LEAC Update:** GPA has recommended that it will not petition for a change in the LEAC factor for the period of February 1, 2019 to July 31, 2019. The LEAC rate to **remain at \$0.154242/kWh** effective for the period from February 1, 2019 thru July 31, 2019. Based on this status quo approach, an under-recovery of about **\$5.0M** is anticipated by the end of the LEAC period on July 31, 2019. The PUC will be establishing the rate later this month after we have provided updated information.

6. **Status of GPWA SCADA Project:** The system will improve system dispatching and day to day coordination between GPA and GWA. The commissioning of the GPWA SCADA Project will be in March 2019. The integration of the GWA Ugum Plant SCADA into the new system is expected by late February.

7. **Rating Agencies:** On December 12, 2018, CCU/GPA/GEDA updated the rating agencies, Fitch and S&P. The updates were particularly important in light of the impact on the island from tax changes and the frequent storms that we have been experiencing. I believe our investment grade ratings remain firm and stable as we continue to work on ways to achieve an upgrade. **Last week Moody's upgraded our rating to stable from negative.** Early last year, Moody's downgraded GPA to negative outlook due to GovGuam financial outlook.

8. **Phase III Renewables Bid:** The bid opening date has been issued. The bid request is for about 40MW of solar PV renewables to be constructed on Navy leased land; 30-year lease of 164 acres of Navy property for 40 MW solar PV Plant. Technical Proposals are due April 12, 2019. Award is targeted for this summer.



9. **PITI 8 & 9 (MEC Units):** This month, GPA takes ownership of the Piti 8 & 9 Units. The PUC has approved GPA Docket 18-13, Petition to extend the Piti 8 & 9 Contract with Osaka Gas for an additional 5 years. GPA is now working with Osaka gas to implement needed capital investments in order to improve the reliability of the units and extend its life for the next 10 to 20 years.
10. **Apprenticeship Program:** The next cycle of twenty (20) apprentices all in the T&D area began with orientation on January 22nd. There were 314 applicants vying for the program with 100 applicants passing the exams and were interviewed in December 2018. Twenty out of the 100 were selected to begin their apprenticeship on January 22nd.
11. **PGR Contract Deposit:** A clause in the contract provided for arbitration which was triggered thru the district court. The decision of the arbitrators was that GPA was not damaged and therefore deposit retained as liquidated damages is to be returned. GPA has return the deposit. GPA is removing similar languages from future contracts.
12. **December Tour of Power Plants in Michigan:** The tour taken by the SPORD Manager, New Power Plant Project Manager and myself was very informative. We were able to see first hand what power plants similar to what may be offered on the ongoing bid looked like. Additionally, we were able to discuss what issues we need to be cognizant of as we evaluate the bids. The following shows the combined cycle plant in Holland, Michigan and the Wartsila plant in Milwaukee, Michigan. The General Managers of both public power utilities personally took us on the tours.













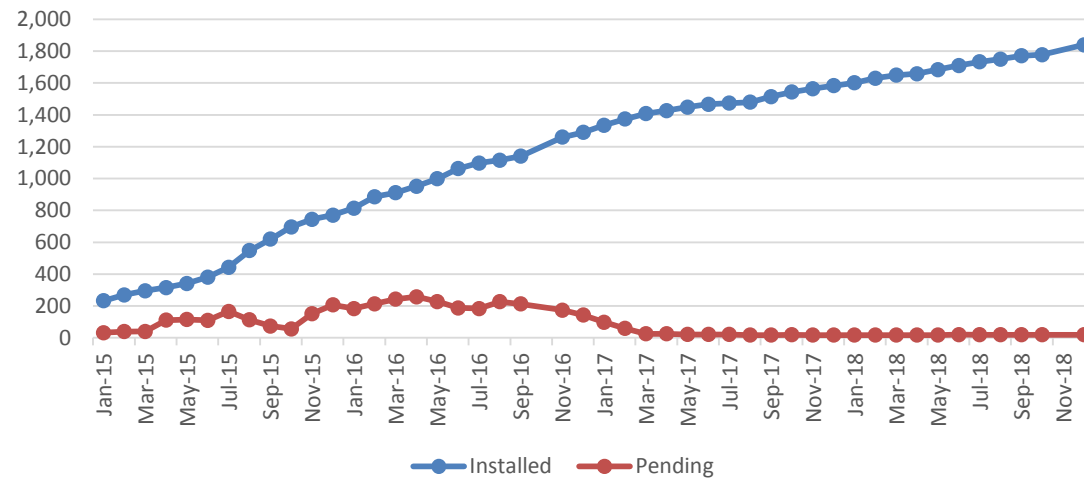


13. **Net Metering (NEM) Credit Adjustment:** CCU approved GPA filing a petition to the PUC to consider changes to the existing net metering credit. GPA filed with PUC for adjustment of net metering credits from retail to avoided cost with a Grandfather phase-out approach over 5 years to the GPA avoided cost credit. PUC has engaged its consultant Daymark to review the petition and work is on-going at this time. The following summarizes Net Metering Customers as of December 2018:

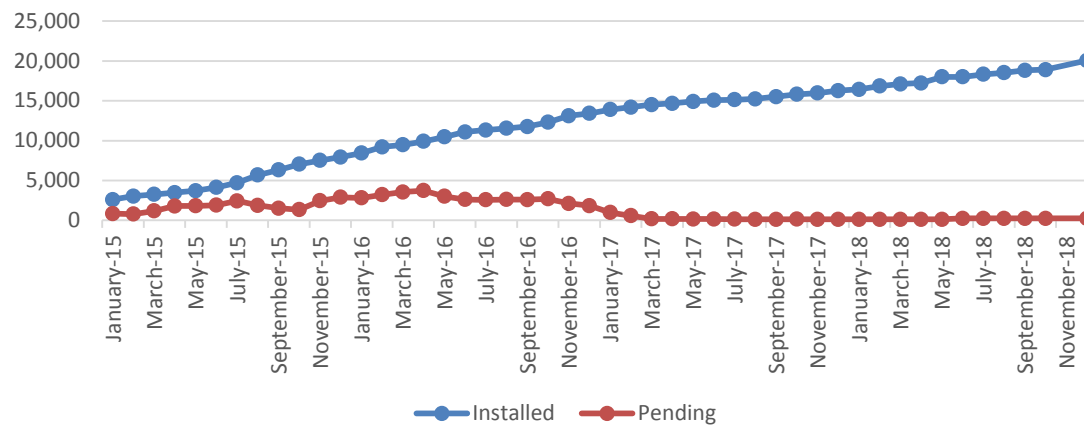
Net Metering Summary Ending December 2018:			
Description:	Count	Kw	
Active	1,840	20,053	
Pending	19	241	
Totals:	1,859	20,294	
Service:	Count	KW	Kw/Customer
Residential	1,741	16,077	9.2
Others	99	3,976	40.2
Total:	1,840	20,053	10.9
% Residential	94.6%	80.2%	
Estimated 12 Months Revenue Impact:	\$3,791,657		



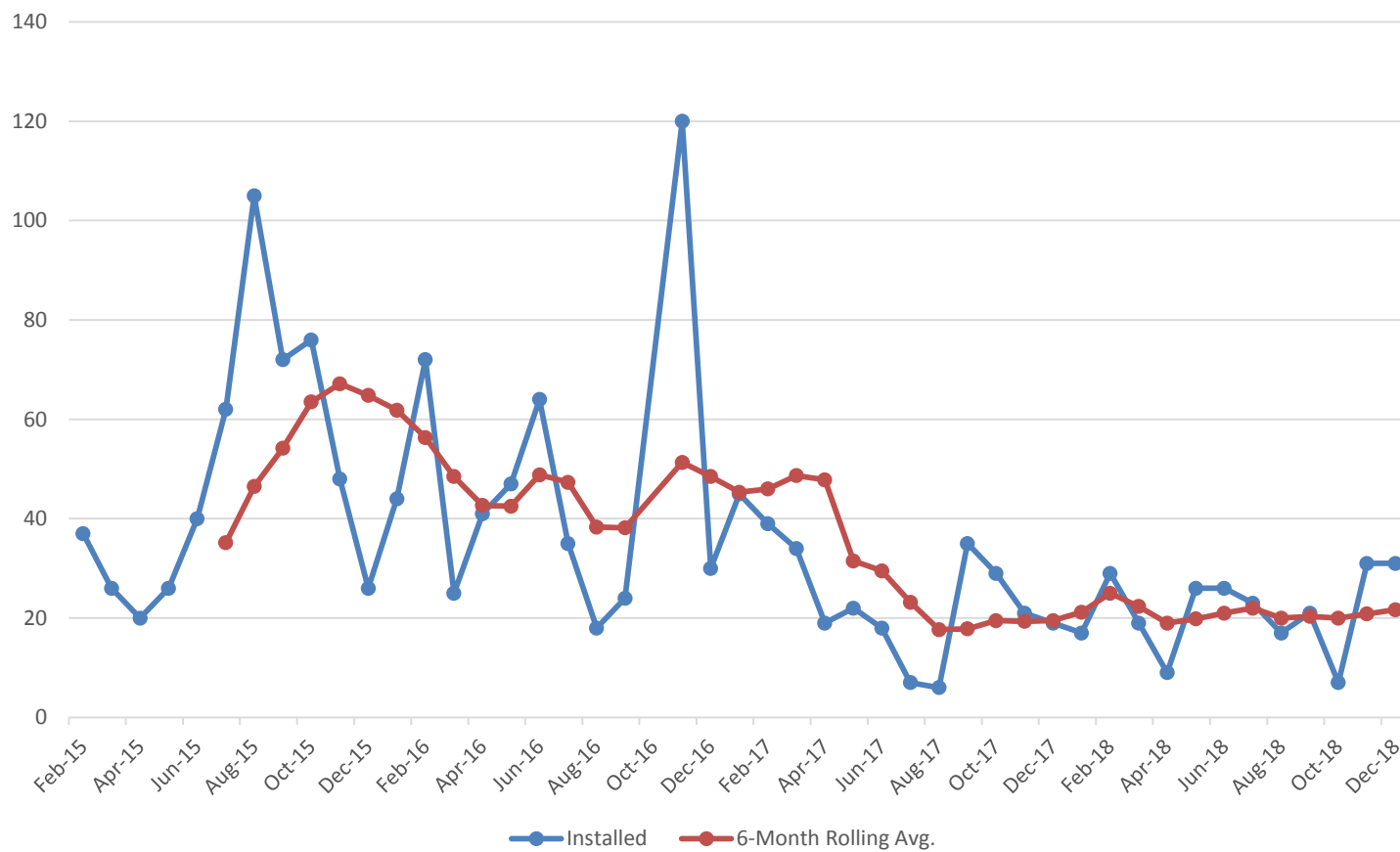
NEM Count



NEM KW



NEM Customers Monthly



14. Streetlights Conversion to LED

- Transition to LED (about 6,000 lights changed and 10,000 more to be replaced in FY 2019 & FY 2020)
- 3,750 Units totaling about \$568K being awarded for delivery in 10 weeks. Balance of about 6,000 Units for changeout in FY 2020
- LED lights changeout may include monitoring capability so that real time determination of lights out is made. Subject to economic feasibility and technology improvement.
- Transition to LED will result in cost savings which could be use to add about 2,731 additional lights at todays cost (see cost summary which follows).
- Streetlight Requirement Policy Should be Established

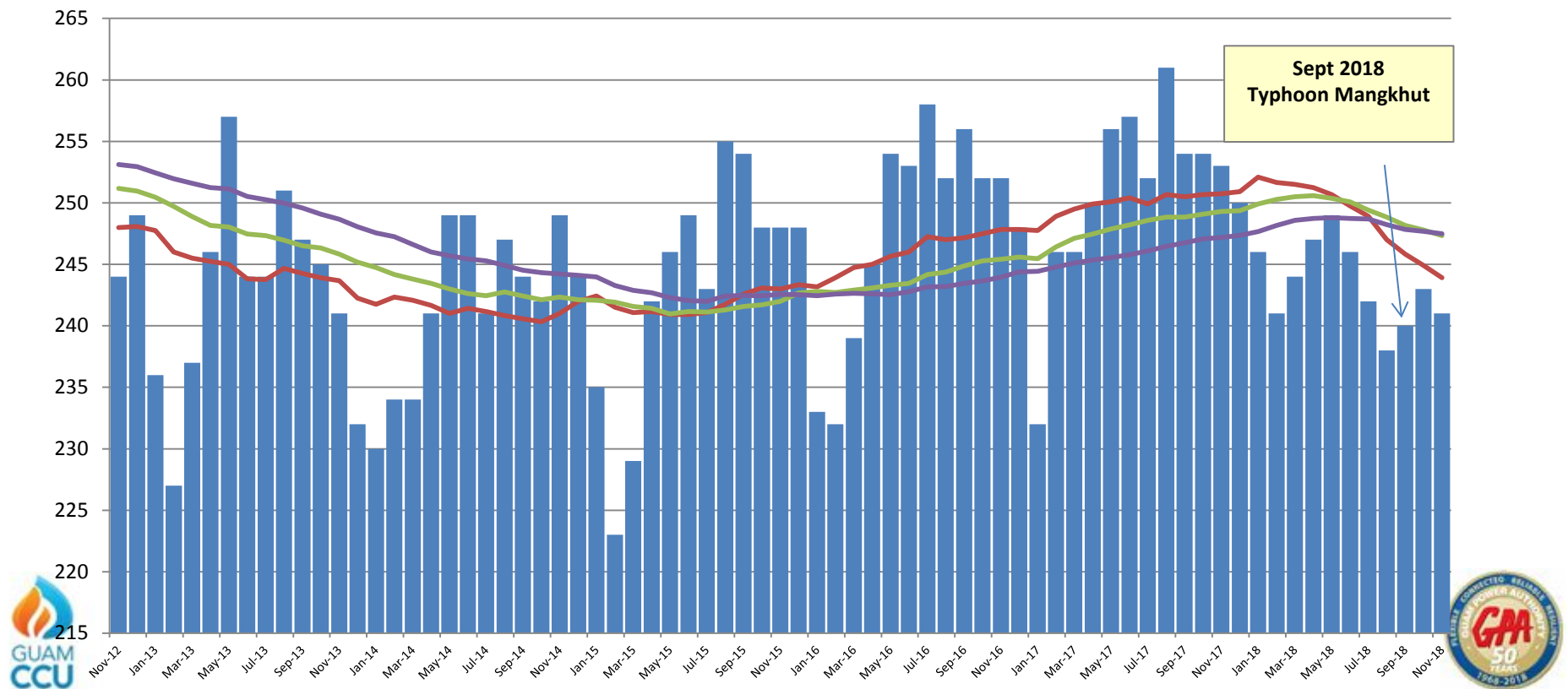


June 2018 Billing Data:				
Counts:	Type	250 Watts	150 Watts	Totals:
	HPS	1,765	7,947	9,712
	LED	779	5,708	6,487
		2,544	13,655	16,199
Cost:	Type	250 Watts	150 Watts	Totals:
	HPS	\$79,592	\$235,576	\$315,168
	LED	\$28,511	\$133,940	\$162,451
	Total:	\$108,103	\$369,516	\$477,619
\$/unit	Type	250 Watts	150 Watts	
	HPS	\$45.09	\$29.64	
	LED	\$36.60	\$23.47	
	Savings / Unit:	\$8.50	\$6.18	
	Monthly Savings			\$41,882
	Annual Savings			\$502,586
Balance for Changeout		250 Watts	150 Watts	Totals:
Remaining HPS Units		1,765	7,947	9,712
Estimated Material Cost		\$353,177	\$1,107,097	\$1,460,273
Estimated Additional Monthly Savings		\$14,993.91	\$49,097.17	\$64,091.07
Estimated Additional Annual Savings				\$769,092.88
Material Payback Period (Years)				1.9
Potential Additional Village Streetlights				2,731

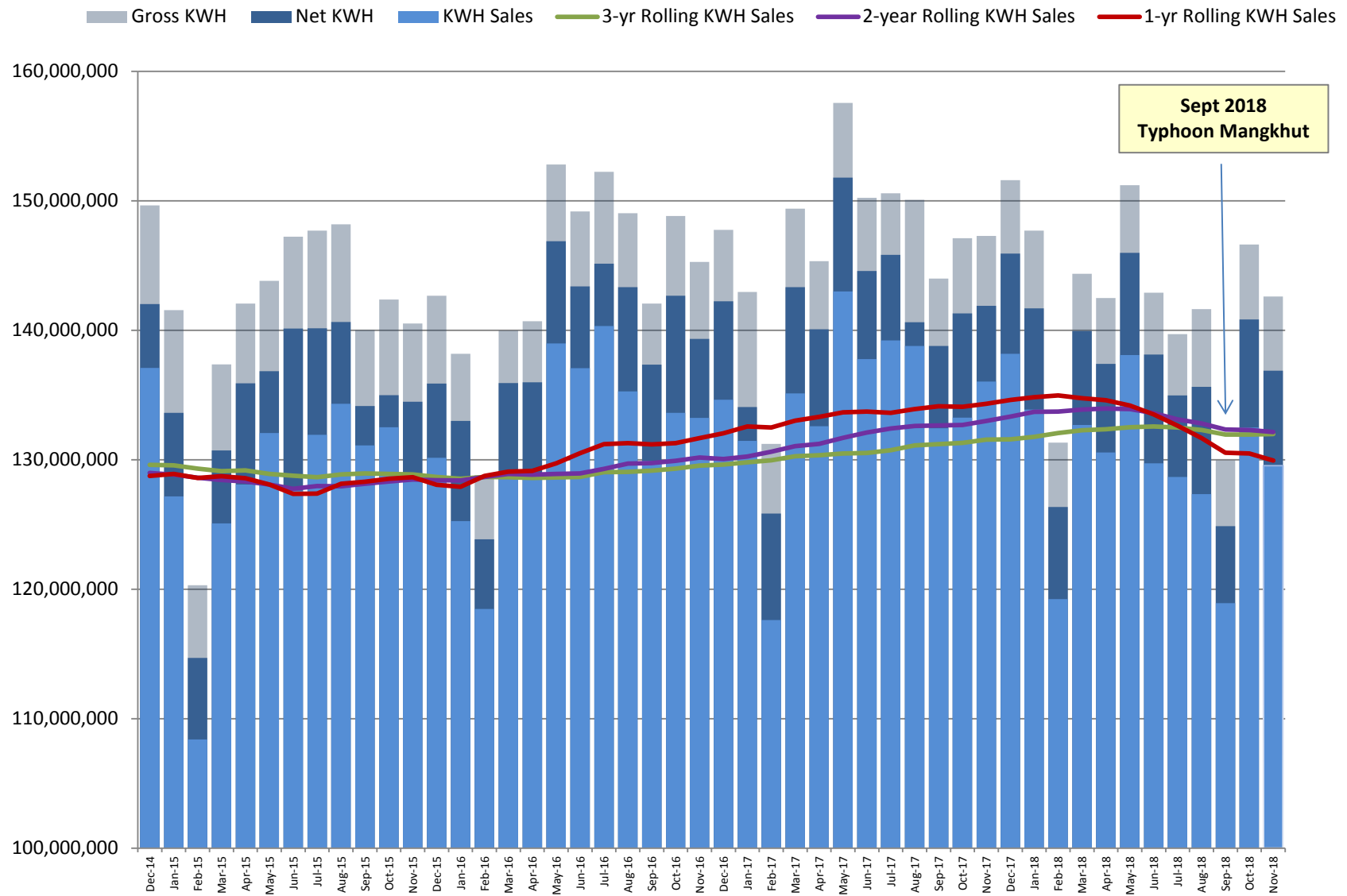
15. The following slides will provide an update on Saipan Recovery Efforts.
16. Key Performance Indicators: The following are indicators thru November 2018
Generation Data & RFO Platts Pricing and Premiums:

Historical Monthly Peak Demand Nov 2012 - Nov 2018

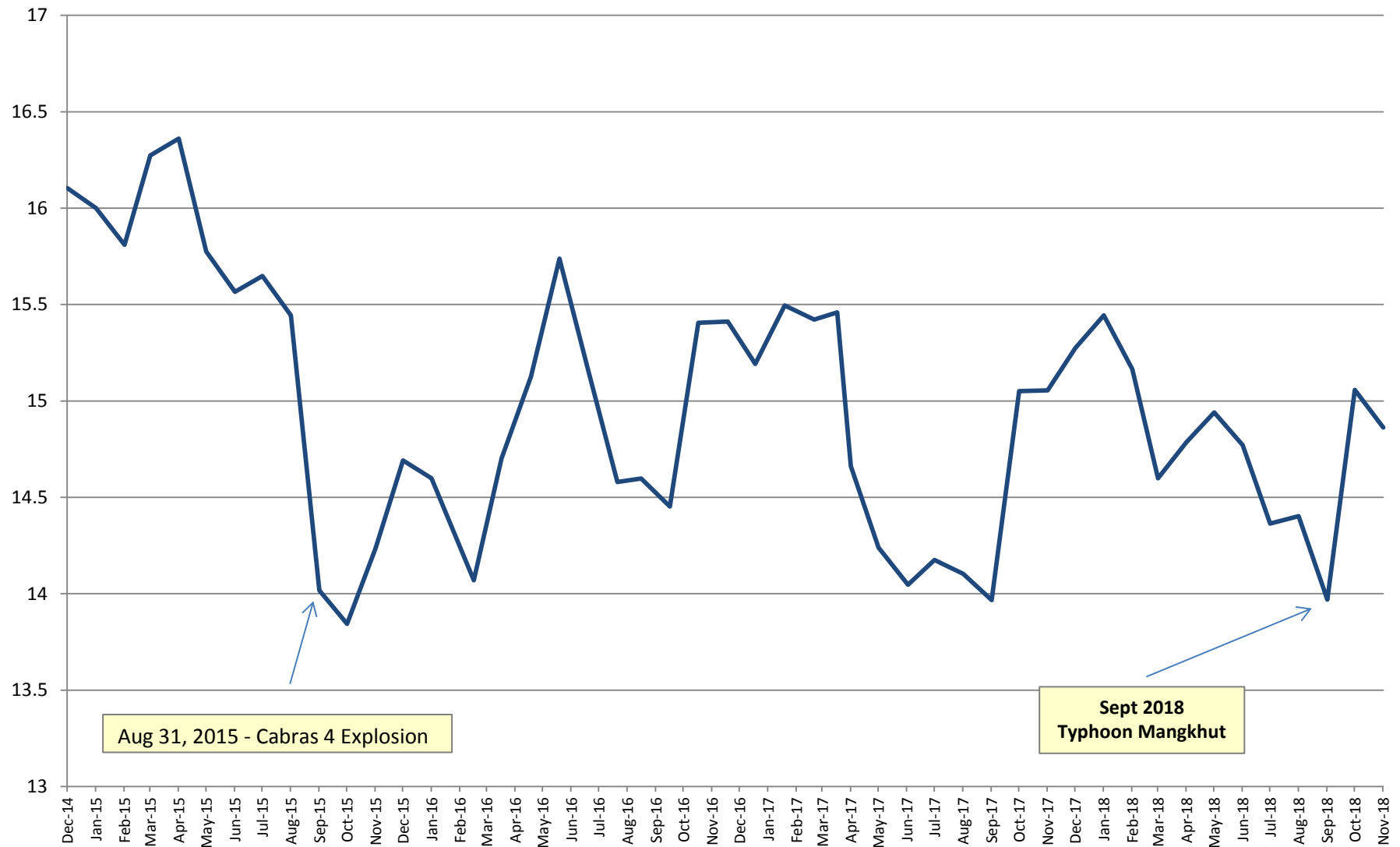
■ Peak Demand — 12-month Rolling Average — 2-year Rolling Average — 3-year Rolling Average



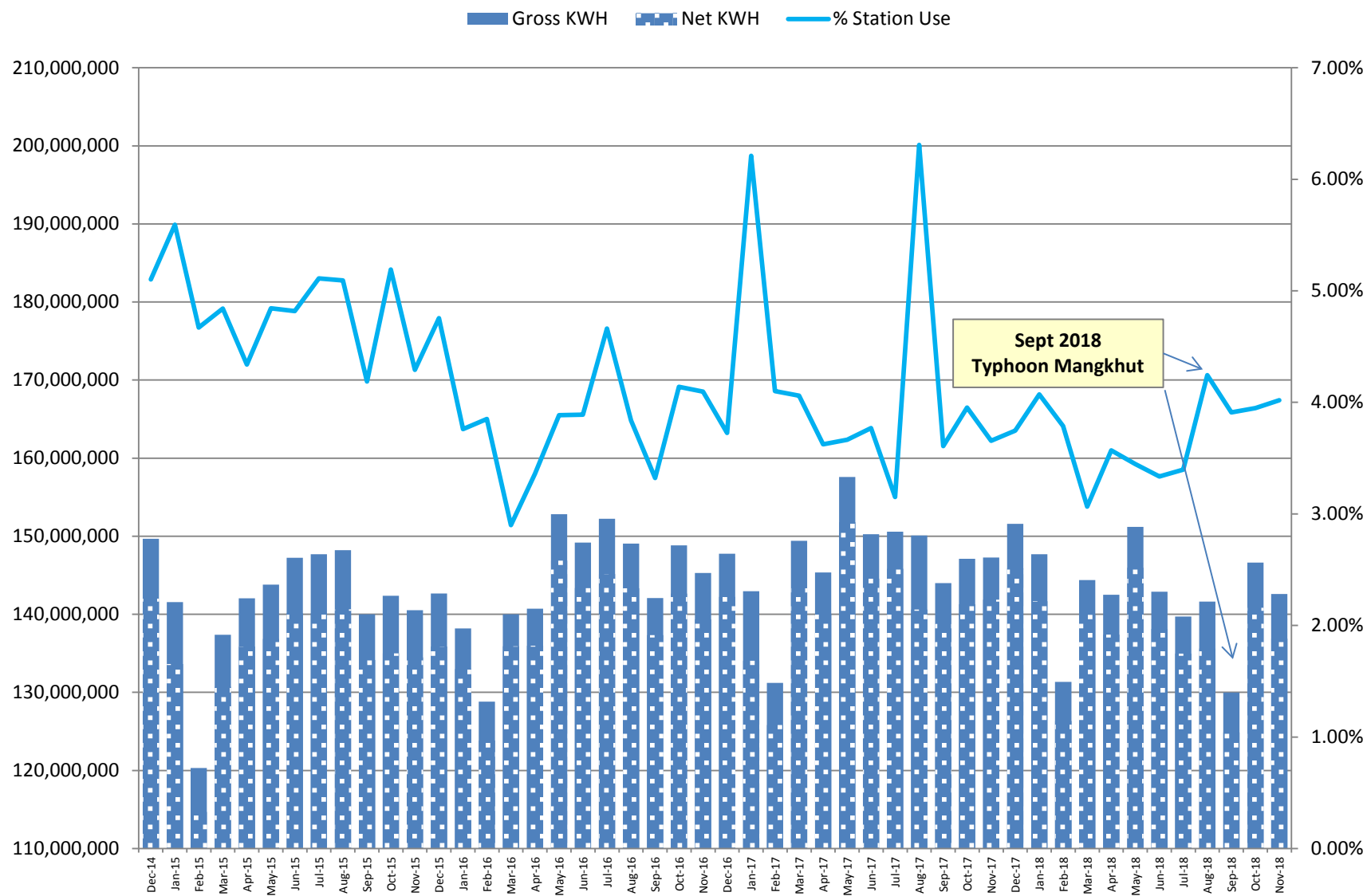
Historical KWH Sales Dec 2014 - Nov 2018



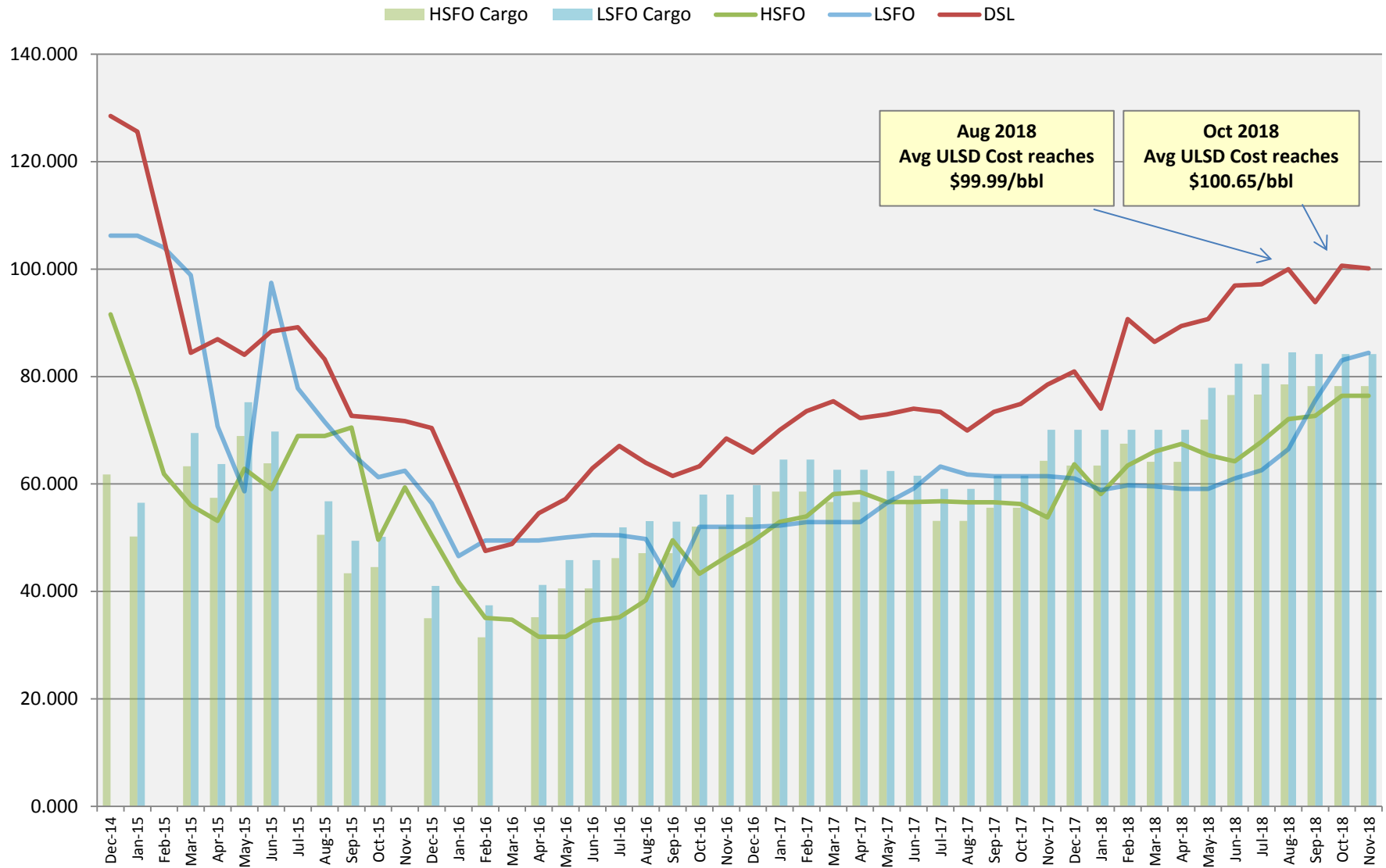
SYSTEM GROSS HEAT RATE (KWH/Gal) Dec 2014 - Nov 2018

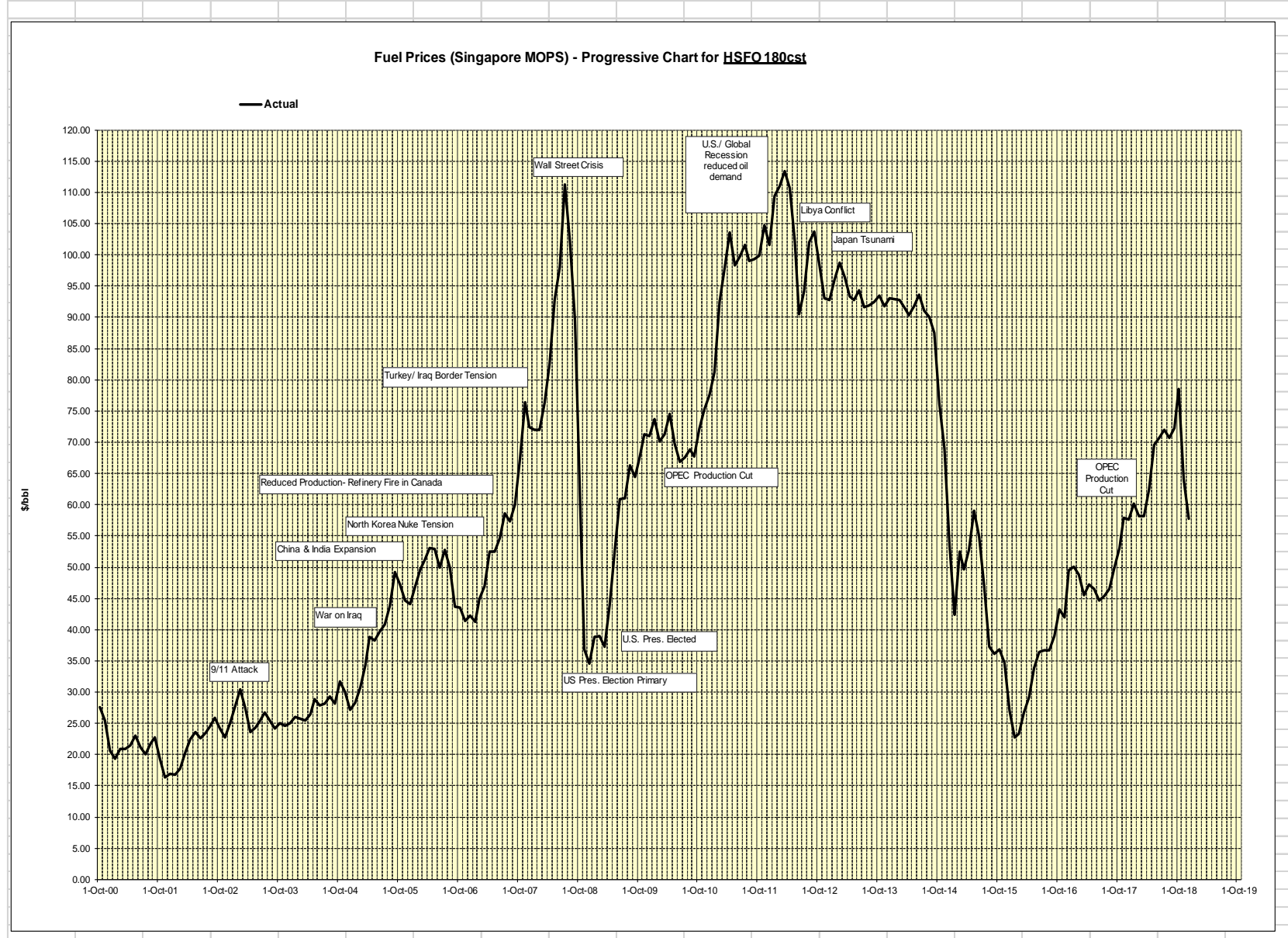


Gross and Net Generation (KWH) Dec 2014 - Nov 2018



Fuel Cargo and Fuel Consumption Costs (\$/bbl) Dec 2014 - Nov 2018





RFO Platts Pricing and Premiums

	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Avg (\$/bbl)		LSFO:	Premium	Landed Cost		HSFO:		
---d--- FY 2005	31.661	30.066	27.171	28.362	30.686	34.215	38.800	38.305	39.695	40.800	43.841	49.157	36.063								
---+--- FY 2006	47.234	44.716	44.063	46.966	49.666	51.083	53.065	52.912	49.953	52.716	49.910	43.621	48.825								
---x--- FY 2007	43.54	41.38	42.25	41.28	44.98	46.91	52.43	52.54	54.61	58.65	57.31	60.06	49.661			8.788	58.449				
---o--- FY 2008	67.490	76.397	72.390	72.045	71.998	76.289	82.728	92.921	97.994	111.214	102.125	89.476	84.422			8.788	93.210				
---*--- FY 2009	60.752	36.905	34.622	38.858	39.028	37.276	43.983	52.572	60.873	61.010	66.321	64.503	49.725			8.788	58.513				
---o--- FY 2010	67.229	71.242	71.047	73.702	70.139	71.298	74.548	69.656	66.844	67.590	68.827	67.674	69.983			6.705	76.688			4.639	74.622
---o--- FY 2011	72.120	75.189	77.600	81.256	92.456	97.847	103.639	98.319	99.785	101.586	99.044	99.372	91.518			6.705	98.223			4.639	96.157
---x--- FY 2012	99.909	104.665	101.597	109.477	110.931	113.396	110.635	102.178	90.474	94.177	101.985	103.729	103.596								
---o--- FY 2013	98.521	93.076	92.714	95.983	98.703	96.491	93.394	92.794	94.270	91.672	91.898	92.484	94.333			18.406	112.739			14.500	108.833
---o--- FY 2014	93.421	91.707	93.117	92.845	92.716	91.505	90.357	91.709	93.660	91.049	90.053	87.515	91.638			13.159	104.797			6.869	98.507
---o--- FY 2015	76.126	69.044	53.475	42.368	52.477	49.639	52.798	59.099	54.855	46.901	37.273	36.056	52.509			13.159	65.668			6.869	59.378
---o--- FY 2016	36.909	34.702	27.050	22.779	23.270	26.786	29.115	33.863	36.437	36.675	36.733	38.914	31.936			12.530	44.466			6.555	38.491
---o--- FY 2017	43.269	41.929	49.486	50.007	48.861	45.461	47.296	46.502	44.595	45.403	46.481	49.928	46.601			12.530	59.131			6.555	53.156
---o--- FY 2018	53.057	57.915	57.575	60.170	58.224	58.208	62.394	69.564	70.718	71.991	70.640	72.261	63.560			12.530	76.090			6.555	70.115
---o--- FY 2019	78.544	63.991	57.706	56.893									64.283								

ULSD Platts Pricing

GPA Cost: Add Premium of about \$11.00/BBL

15.000													
	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Avg (\$/bbl)
---●--- FY 2005													
---+--- FY 2006													
---x--- FY 2007													
--- -- FY 2008													
---x--- FY 2009													
---□--- FY 2010	82.249	85.643	83.219	86.487	83.587	88.850	96.207	89.684	87.815	86.720	88.416	89.119	87.333
---●--- FY 2011	95.700	99.274	104.943	110.694	120.072	134.294	141.084	129.111	128.628	130.909	126.248	125.495	120.538
---x--- FY 2012	123.915	130.767	126.110	130.415	135.190	139.269	136.174	125.880	113.129	120.554	131.728	133.888	128.918
---●--- FY 2013	131.366	126.880	126.500	128.345	134.549	125.303	119.580	118.053	119.563	124.430	126.367	126.089	125.585
---●--- FY 2014	125.583	125.595	127.620	123.095	124.267	122.617	124.275	121.860	122.340	120.496	118.008	113.102	122.405
---●--- FY 2015	101.542	95.931	78.807	63.842	72.140	72.433	73.891	80.107	77.012	68.184	60.672	61.211	75.481
---●--- FY 2016	60.943	58.991	48.109	37.577	40.234	46.450	49.510	56.162	59.079	54.901	54.074	55.249	51.773
---x--- FY 2017	61.660	57.138	64.197	66.025	67.418	63.135	65.019	61.806	58.382	61.490	64.294	69.347	63.326
---x--- FY 2018	70.250	74.057	75.889	81.837	78.066	78.376	84.282	90.526	87.398	86.885	88.511	93.797	82.489
---●--- FY 2019	97.254	82.290	70.011	70.453									80.002

Saipan Recovery Efforts

Super Typhoon Yutu



Super Typhoon Yutu Destruction

29

Damages



Damage Assessment - Saipan

30

Poles	Primary Wire (spans)	Secondary Wire (spans)	Transformers
1,772	5, 483	2,353	318



Super Typhoon Yutu Deployment

31



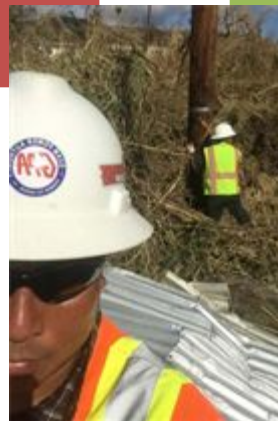
Sunday, Oct 28th
A 7-member
Forward Team
departed for
Saipan via
USCG C-130
out of AAFB



Tuesday, Oct 30th
John "Kadi"
Manibusan and
Rick Quidachay
began pole
installations

Tuesday, Oct 30th

Bucket trucks,
flatbed, and
utility trucks
and vans
loaded on to
the Russian
Antonov and
arrived in
Saipan early
evening.



Super Typhoon Yutu Deployment

32



Thursday, Nov 2nd
1st Wave of
employees, 26
member team
departed for Saipan
to join Forward
Team

Tuesday, Nov 6th
GPA materials
delivered to AAFB
for delivery to
Saipan and Tinian

Saturday, Nov 10th
Feeder Kiya 1
energized by GPA
crews for the first
time since the
storm



GPA YUTU SUPPORT

33

ManPower

33 Personnel

- Rick Quidachay, Asst T&D Mgr
- 11 Linemen
- 6 Operators
- 5 Engineers
- 2 Substation Electricians
- 1 Relay Technician
- 2 Generation Mechanics
- 2 Generation Electricians
- 2 Heavy Equipment Mechanics
- 1 Safety Officer

Equipment

- 4 Bucket Trucks
- 2 Vans
- 1 Light Cart
- 1 Flatbed
- 3 Utility Trucks

Materials

- 439 Power Poles
- 140,000 LF of Primary & Secondary Wire
- 92 Transformers
- 1,020 Crossarms
- Insulators, Connectors, Clamps, Nuts, Bolts



1st Wave TEAM GPA

34

ONE MARIANAS



Restoration Progress

35

Generation - Substation - Relay GSR



Restoration Progress

36

Material Recovery



Restoration Progress

37

Operators



Restoration Progress

38

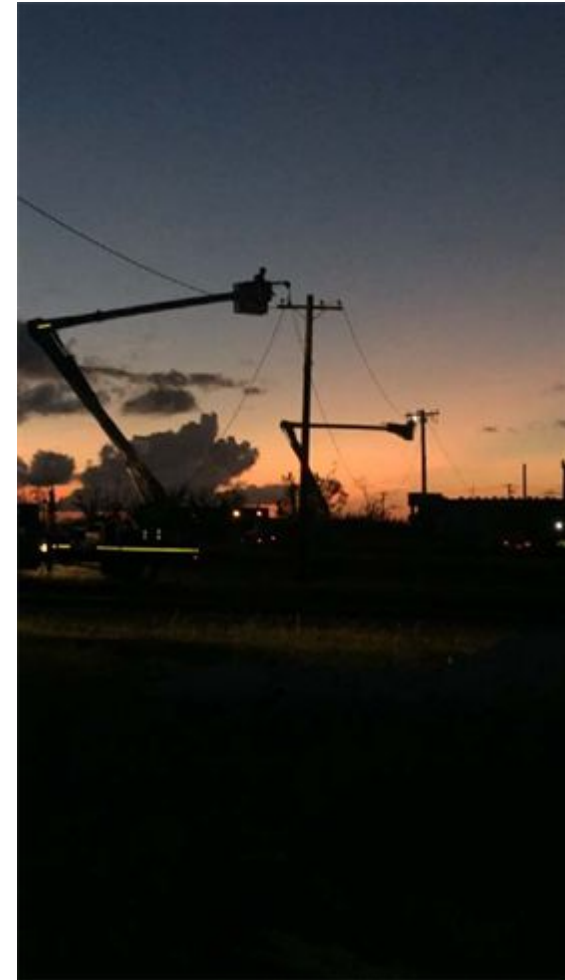
Line Crews



Restoration Progress

39

Line Crews



Restoration Progress

40

AIRPORT RISER



Before
Island power restored on 11/17

After

GPA Team 2nd Wave

41



GPA Assigned Sector 1

42



GPA CREWS - ENERGIZED CUSTOMERS

43

Date	No. of Meters	Total No. of Meters
1/8/2019	17	17
1/9/2019	62	79
1/10/2019	36	115
1/11/2019	14	129
1/12/2019	18	147
1/13/2019	40	187
1/14/2019	64	251
1/15/2019	37	288



Line Crew

44



Line Crew

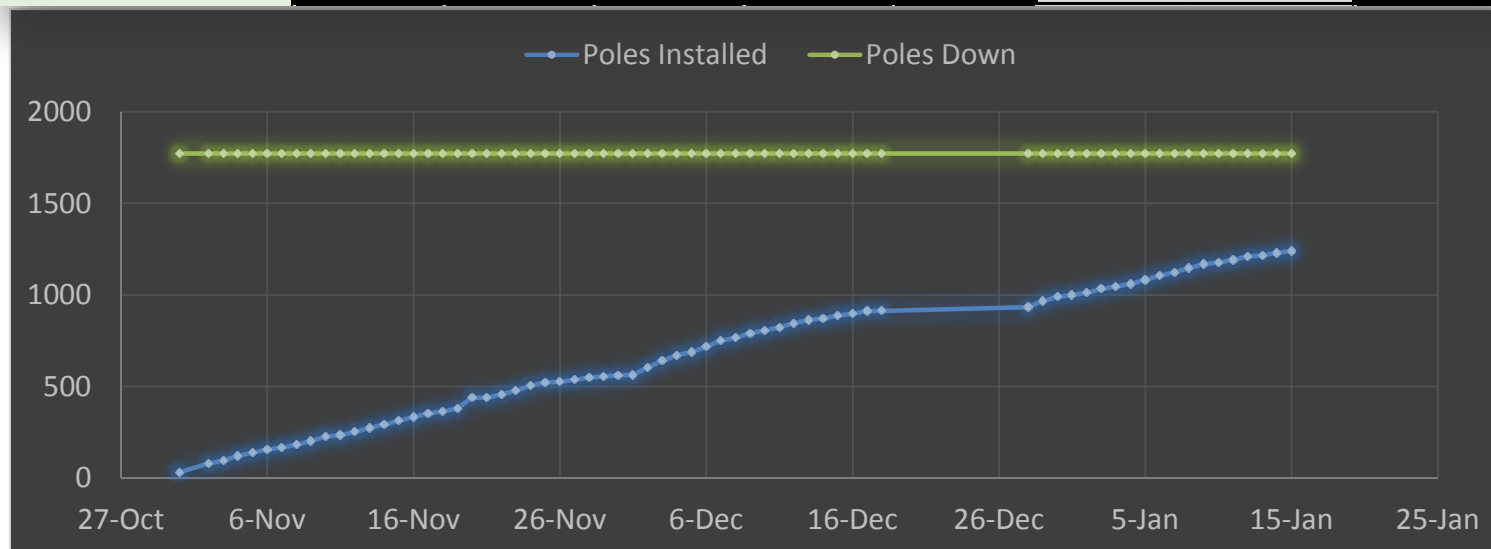
45



Pole Installation Summary

46

	Poles (55')	Poles (45')	Poles (35')	Primary Wire (spans)	Secondary Wire (spans)	Service	Framing	XFMR
Assessment Damage	17	1544	211	5483	2353			318
Count	1772							
Repair Work	57	1069	114	1084	222	470	663	179
Completed	1240							
Remaining	532			4399	2131			139



Pole Installation

47



Transformer Recovery Report

48

Estimated Savings > \$300K

TRANSFORMER SIZE	STATUS		TOTAL QTY
	PASSED	FAILED	
5		1	1
10	22	20	42
15	15	19	34
25	25	8	33
37.5	21	18	39
50	16	12	28
75	24	16	40
100	5	6	11
167.5		1	1
30	1	0	1
750 Pad Mtd	1		1
TOTAL	130	101	231



Transformers

49



GPA Saipan Yutu Recovery Assistance

50

Description	Amount
Materials Delivered	\$ 3,387,196.61
Materials pending	\$ 512,893.90
Total Materials:	\$ 3,900,090.51
Air Fare/ Per Diem	\$ 233,542.82
Labor 1st Wave	\$ 1,133,846.57
Labor 2nd Wave Estimated	\$ 778,130.00
Total Labor/Transportation/Per Diem	\$ 2,145,519.39
Estimated Total Assistance (Jan 17, 2018)	\$ 6,045,609.90
Payment Received:	\$ 1,273,846.71



SUMMARY

51

- GPA is making a significant difference in Saipan recovery efforts.
- The GPA Saipan team is working hard every day to restore critical services and businesses. They're concentrating on the Chalan Kanoa and Susupe areas.
- The team on Guam at T&D, Generation, Engineering, Transportation, & Safety are multi-tasking and picking up extra duties to ensure continuity of services on Guam.
- GPA Executive Management is in daily contact with the Saipan team and with the CUC to ensure smooth operations.
- Based on the damages and at the request of the CUC, GPA estimates another 30 days of work in Saipan.
- GPA has received its first payment from CUC for recovery assistance .



GPA Work Session - January 17, 2019 - DIVISION REPORTS

DATA: CSD PERSONNEL WORK ACTIVITIES
COMPILED BY: RITA BLAS (CSR)

MTD CONSOLIDATED REPORT

APPROVED BY:
E.D.MENDIOLA (CSS)

REPORTING MONTH: DECEMBER 2018

BUSINESS OFFICE/ SATELLITE EMPLOYEE MTD (CONSOLIDATED) REPORT	GLORIA B. NELSON	% MTD	HAGATNA	% MTD	UPPER TUMON	% MTD	MTD TOTAL
TRANSACTION (TYPE)							
APPLICATION							
NEW INSTALL-PERMANENT (NI1)	18	100%	0	0%	0	0%	18
NEW INSTALL- TEMP (NI2)	6	67%	1	11%	2	22%	9
NEW INSTALL - ST LIGHT (NI3)	2	100%	0	0%	0	0%	2
REC W/OUT METER (NI4)	5	26%	6	32%	8	42%	19
REC W/METER (NI5)	62	21%	61	21%	170	58%	293
NAME CHANGE (NC1)	71	24%	100	33%	129	43%	300
NAME CHANGE ST LIGHT (NC2)	0	0%	0	0%	3	100%	3
TERMINATION							
TERMINATION REGULAR (TE1)	67	23%	81	28%	146	50%	294
TERMINATION N/C (TE2)	0	0%	0	0%	1	100%	1
TERMINATION NON/PAYMENT (TE3)	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0
TERMINATION TYPHOON (TE4)	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0
TERMINATION REMOVAL (TE5)	1	100%	0	0%	0	0%	1
TERM (TE6)	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0
OTHER(S)							
WORK CLEARANCE (WCE)	9	45%	3	15%	8	40%	20
WORK CLEARANCE (UG)	27	100%	0	0%	0	0%	27
WORK CLEARANCE (OH)	3	38%	3	38%	2	25%	8
INVESTIGATION (INV)	2	25%	2	25%	4	50%	8
METER C/O - CALIBRATION (MC1)	4	57%	1	14%	2	29%	7
METER UP/DOWN GRADE (MC3)	0	#DIV/0!	0	#DIV/0!	0	#DIV/0!	0
MISC PUBLIC SRVC (MPS)	7	33%	7	33%	7	33%	21
REFUND (RFD)	7	25%	5	18%	16	57%	28
RELOCATE METER (RM1)	7	70%	0	0%	3	30%	10
ST LIGHT REPAIR (ST1)	35	100%	0	0%	0	0%	35
OFFICIAL RECEIPT (OR)	32	12%	72	27%	167	62%	271
UPDATE SPECIAL CHARGE (USC)	0	0%	56	43%	73	57%	129
INSPECTION REPORT (IR)	12	41%	6	21%	11	38%	29
COPY OF BILL (COB)	421	23%	750	42%	632	35%	1803
BILL INQUIRY (BILL INQ)	364	19%	732	39%	777	41%	1873
BILL ADJUSTMENT (BILL ADJ)	5	29%	8	47%	4	24%	17
ADDRESS CHANGE (ADDR CHG)	17	14%	42	36%	59	50%	118
DEFERRED PAYMENT AGREEMENT (DPA)	5	100%	0	0%	0	0%	5
PREPAID	24	21%	38	33%	54	47%	116
REBATE	133	43%	101	32%	78	25%	312
ACH/EFT	0	0%	2	40%	3	60%	5
NO ANSWER	202	50%	99	25%	101	25%	402
INQUIRY TYPE VISIT	191	13%	280	19%	1033	69%	1504
INQUIRY TYPE OTHER	101	25%	100	25%	203	50%	404
ACTIVE DELINQUENTS							
INQUIRY (INQ)	284	28%	366	36%	377	37%	1027
PAYMENT (PYMT)	202	23%	201	23%	477	54%	880
DO NOT DISCONNECT (DND)	2	67%	0	0%	1	33%	3
EXTENSION (EXT)	176	33%	162	30%	194	36%	532
RECONNECT (REC)	71	24%	106	35%	122	41%	299
INACTIVES							
INQUIRY (INQ)	14	21%	34	51%	19	28%	67
PAYMENT (PYMT)	5	19%	8	31%	13	50%	26
TRANSFER BALANCE (TRF BAL)	4	15%	8	31%	14	54%	26
TOTAL TRANSACTION(S)	2598		3441		4913		10952
INQUIRIES							
VISIT (V)	1556	28%	1818	32%	2221	40%	5595
TELEPHONE (T)	20	2%	400	43%	500	54%	920
MAIL (M)	2	0%	200	50%	200	50%	402
FAX (F)	0	0%	50	100%	0	0%	50
TRANSFER CALL (TRF CALL)	6	2%	120	43%	150	54%	276
OTHER (OTHER)	1698	84%	130	6%	200	10%	2028
TOTAL INQUIRIES	3282		2718		3271		9271
SERVICE LEVEL							
LESS THAN 10 MINUTES	1258	21%	2165	36%	2516	42%	5939
10-15 MINUTES	1475	64%	333	14%	511	22%	2319
16-30 MINUTES	504	72%	120	17%	80	11%	704
> 30 MINUTES	45	15%	100	32%	164	53%	309
TOTAL SERVICE LEVEL	3282		2718		3271		9271

NOTE: INQUIRY TYPE (OTHERS) = INCLUSIVE OF DESK WORK (E.G., NON PAYMENT COMPLETIONS, COMMERCIAL COMPLETIONS, ETC.)

GPA Work Session - January 17, 2019 - DIVISION REPORTS

DATA: CSD PERSONNEL WORK ACTIVITIES
COMPILED BY: RITA BLAS (CSR)
REPORTING MONTH: DECEMBER 2018

MTD CONSOLIDATED REPORT

APPROVED BY:
E.D.MENDIOLA (CSS)

CUSTOMER SERVICE DIVISION - Dec 2018

SITE	Less than 10 Mins.	%	10-15 Mins.	%	15-30 Mins.	%	30-45 Mins.	%	TOTAL	Location %
GBN	1,258	38%	1,475	45%	504	15%	45	2%	3,282	36%
HAGATNA	2,165	80%	333	12%	120	4%	100	4%	2,718	29%
UPPER TUMON	2,516	77%	511	16%	80	2%	164	5%	3,271	35%
TOTAL:	5,939	64%	2,319	73%	704	21%	309	11%	9,271	100%

Government Accounts Receivable: CSD reports invoices for the month of November 2018, for 71 active government accounts with an overall total of \$6,166,900.85. 65 accounts were current (92%), 6 accounts arrears (8%). 5 fax/emails issued to government accounts totaling \$2,132,875.43. November 2018 invoices, 66 accounts paid in full.

CREDIT AND COLLECTION

Delinquent Ratio: As of Dec 2018 the authority reported a total 48,367 active customers. The "Delinquent Ratio" was recorded at 8.35% with 4,038 total delinquent accounts, total arrears of 2,178,078.87; 2,028,375.69; 3,999(8.27% / 28-45 days) category; 109,236.52; 293(0.61% / 46-60 days); 8,463.21; 48(0.10% 61-90 days); and 32,003.45; 89 (0.18% / Over 90 days).

Bankruptcy: During Dec 2018 the Bankruptcy reports one (1) customer account filed, totaling \$6,388.79.

Damage Claim: The Damage claim committee received one (1) Damage claim at \$1,230.00 for the month of Dec 2018.

ACTIVE DELINQUENT - NON PAYMENT**COMMAND CENTER /DISCONNECTIONS/RECONNECTIONS**

Single Phase Meters: Credit and Collection issued orders to Command Center to perform remote disconnect/reconnect for a total of 4,103 customers; 802(20%) were disconnected; 3,240(79%) deferred; 61(1%) incompletes.

3 Phase Meters: Credit and Collection issued orders to Disconnect Reconnect crew to perform truck roll out disconnect/reconnect for a total of 52 customers; 34(65%) were disconnected; 18(35%) deferred; 0(0%) incompletes.

FY 2019 (Dec 01-31,2018)								
	Scheduled	Disc	Deferred	Complete Vs. Scheduled	Incomplete Disconnections	Disc Vs. Scheduled	Deferred Vs. Scheduled	Incomplete Vs. Scheduled
Dec-18	4,155	836	3,258	4,094 99%	61	20%	78%	1%
Nov-18	3,356	917	2,399	3,316 99%	40	27%	71%	1%
Oct-18	1,344	967	356	1,323 98%	21	72%	26%	2%
TOTAL:	8,855	2,720	6,013	8,733 99%	122	31%	68%	1%
FY 2018 (October 01, 2017 - September 30, 2018)								
QTR	Scheduled	Disc	Deferred	Complete Vs. Scheduled	Incomplete Disconnections	Disc Vs. Scheduled	Deferred Vs. Scheduled	Incomplete Vs. Scheduled
4 th	2,923	2,137	768	2,905 99%	18	73%	26%	1%
3 rd	4,824	2,635	2,167	4,802 100%	22	55%	45%	0%
2 nd	4,092	2,010	2,032	4,042 99%	50	49%	50%	1%
1 st	3,890	2,237	1,646	3,883 100%	7	58%	42%	0%
TOTAL:	15,729	9,019	6,613	15,632 99%	97	57%	42%	1%

This concludes the Summary Report for Customer Service Division for the month of Dec 2018.

Respectfully submitted,

Marissa Fernandez
Marissa Fernandez, Admin. Officer

Reviewed / Approved by:

Richard J. Bersamin
Richard J. Bersamin, ACSM

GPA Work Session - January 17, 2019 - DIVISION REPORTS

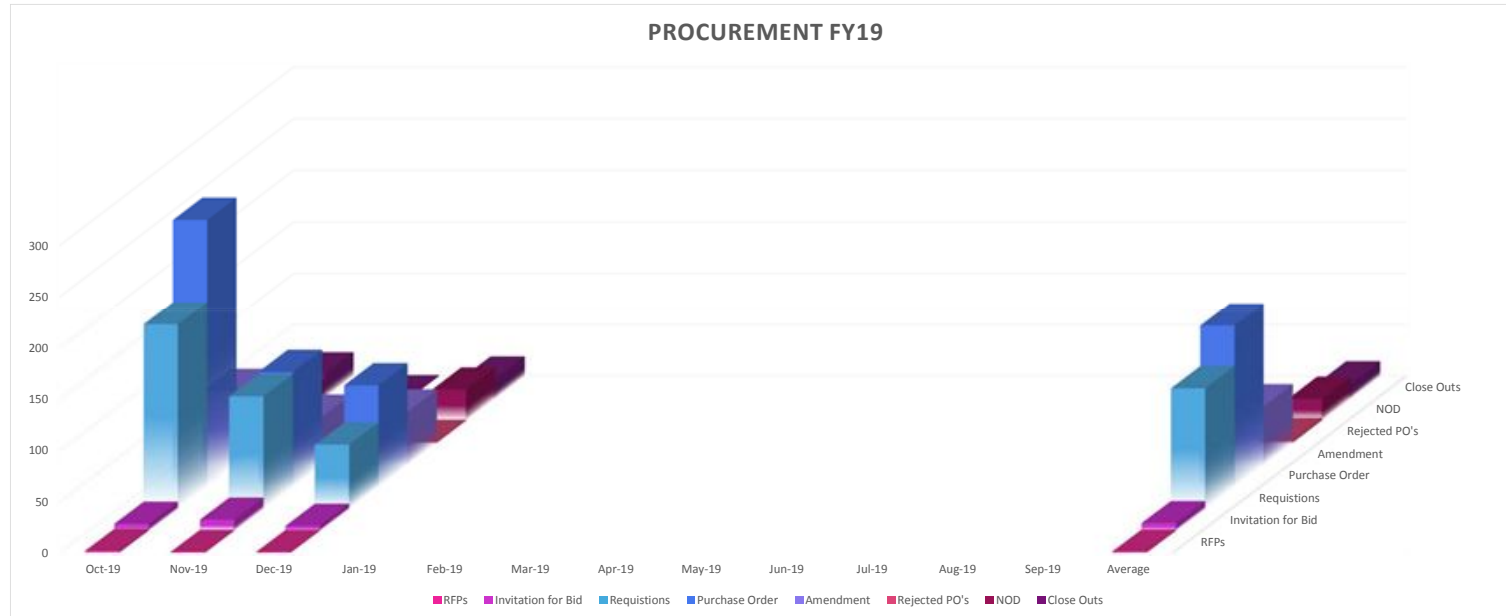
Run Date: 1/10/2019
Run Time: 8:05:52 AM

Guam Power Authority
Delinquent Active Accounts Summary Report
As of - 01/10/2019

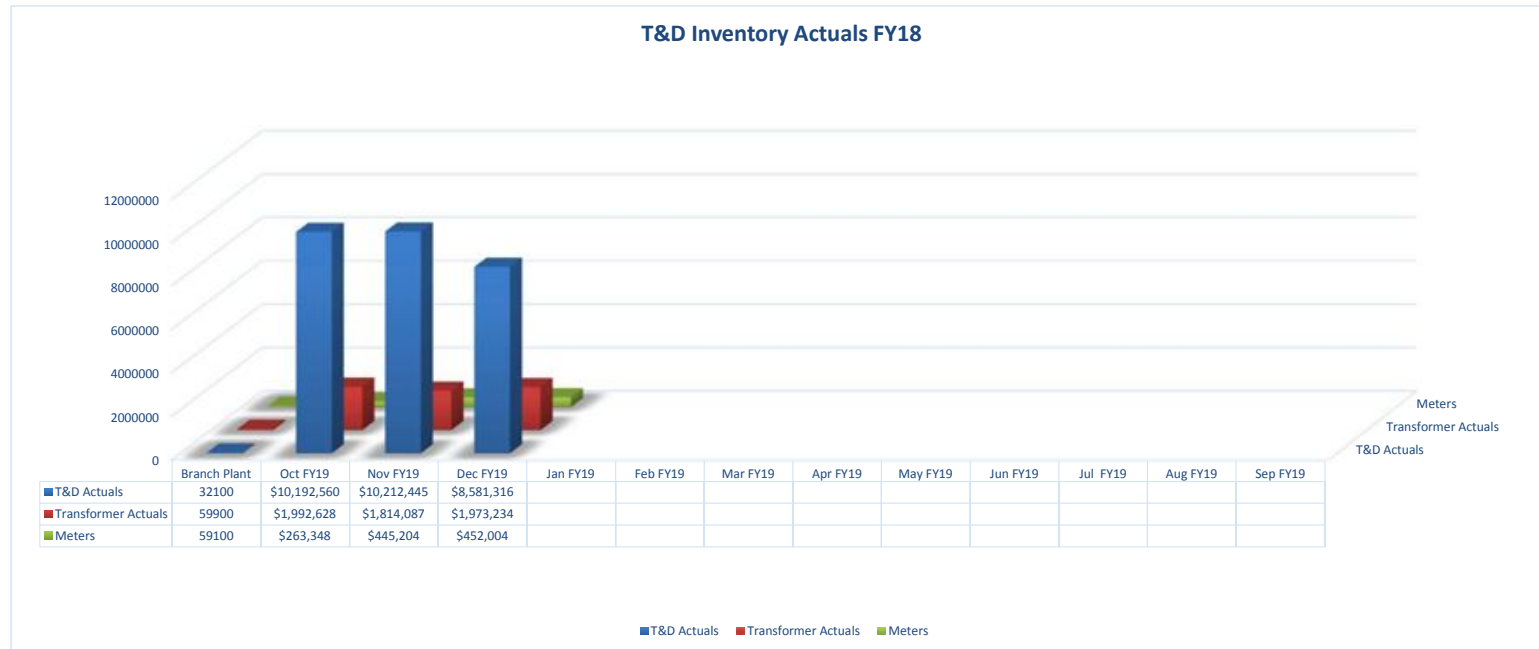
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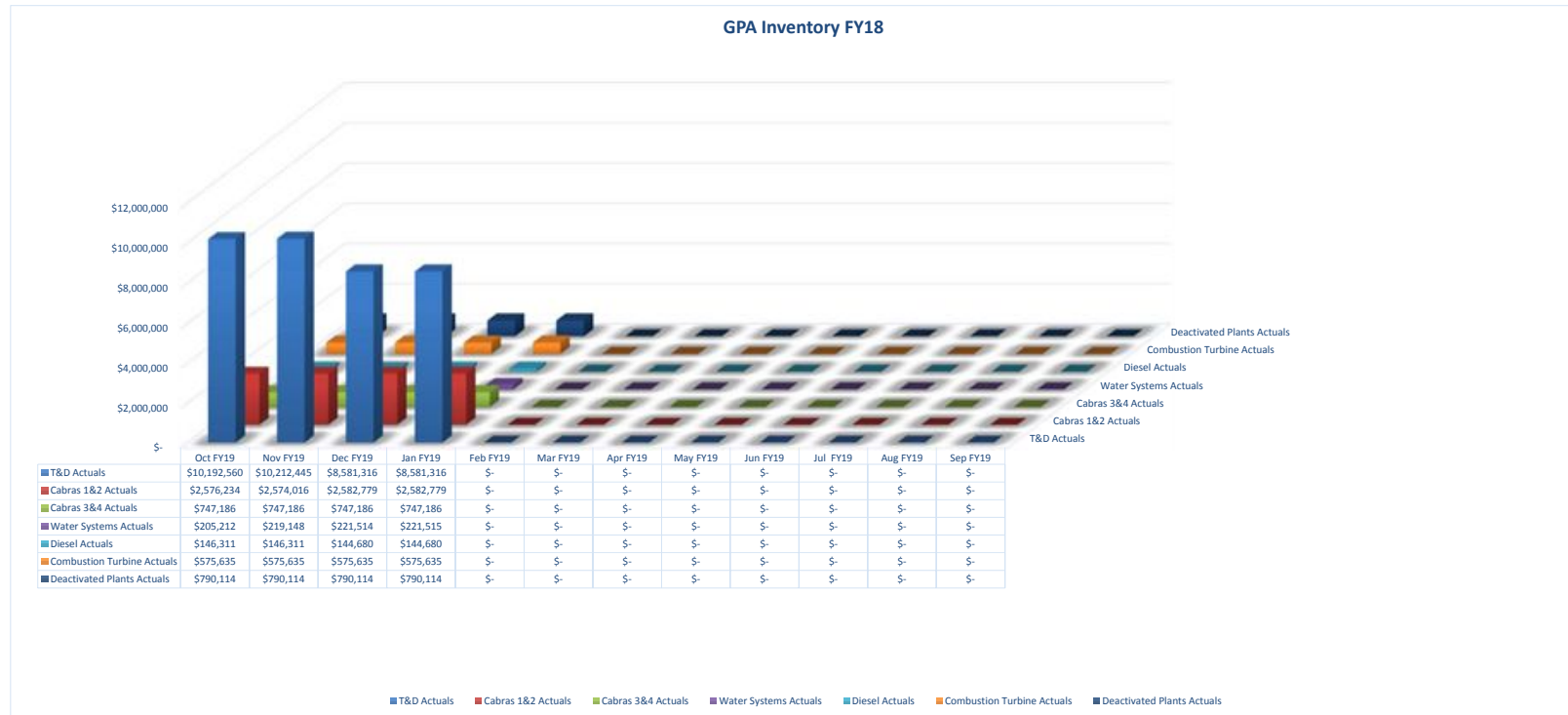
<u>Rate Classification</u>	<u>Total Cust</u>	<u>Del Cust</u>	<u>Del 28-45</u>	<u>Del 46-60</u>	<u>Del 61-90</u>	<u>Over-90</u>	<u>Current Balance</u>	<u>28-45 Days</u>	<u>46-60 Days</u>	<u>61-90 Days</u>	<u>>90 Days</u>	<u>Total</u>	<u>Total Due</u>
Residential(ERES-R)	42,593	3,634	3,598	218	36	72	5,767,827.66	851,703.75	35,340.05	7,771.02	26,372.96	921,187.78	6,689,015.44
		8.53%	8.45%	0.51%	0.08%	0.17%							
Small Gen Non Demand(EGEN-G)	4,150	264	262	25	2	9	1,292,244.79	172,631.12	5,249.34	351.99	2,330.28	180,562.73	1,472,807.52
		6.36%	6.31%	0.60%	0.05%	0.22%							
Small Gen Demand(EGEND-J)	982	85	84	27	0	0	2,925,505.82	240,306.62	20,669.81	0.00	0.00	260,976.43	3,186,482.25
		8.66%	8.55%	2.75%	0.00%	0.00%							
Large General(ELPS-P)	118	12	12	6	0	1	6,421,759.68	761,890.29	47,432.98	0.00	1,373.88	810,697.15	7,232,456.83
		10.17%	10.17%	5.08%	0.00%	0.85%							
Private Streetlight(EPOL-H)	524	43	43	17	10	7	17,250.68	1,843.91	544.34	340.20	1,926.33	4,654.78	21,905.46
		8.21%	8.21%	3.24%	1.91%	1.34%							
<u>Sub-Total (Private)</u>	48,367	4,038	3,999	293	48	89	16,424,588.63	2,028,375.69	109,236.52	8,463.21	32,003.45	2,178,078.87	18,602,667.50
		8.35%	8.27%	0.61%	0.10%	0.18%							
Small Gov Non Demand(ESGS-S)	694	58	45	45	6	25	462,663.03	41,378.99	31,946.21	366.61	1,342.72	75,034.53	537,697.56
		8.36%	6.48%	6.48%	0.86%	3.60%							
Small Gov Demand(ESGSD-K)	338	73	51	71	22	48	2,827,437.34	316,149.10	488,021.36	8,894.93	19,651.41	832,716.80	3,660,154.14
		21.60%	15.09%	21.01%	6.51%	14.20%							
Large Government(ELGS-L)	42	23	17	23	6	14	3,017,051.07	544,067.25	587,989.99	13,639.50	21,872.00	1,167,568.74	4,184,619.81
		54.76%	40.48%	54.76%	14.29%	33.33%							
Gov Streetlight(ESTL-F)	629	8	7	4	0	0	499,281.15	734.84	187.26	0.00	0.00	922.10	500,203.25
		1%	1.11%	0.64%	0.00%	0.00%							
<u>Sub-Total (Government)</u>	1,703	162	120	143	34	87	6,806,432.59	902,330.18	1,108,144.82	22,901.04	42,866.13	2,076,242.17	8,882,674.76
		9.51%	7.05%	8.40%	2.00%	5.11%							
<u>GRAND TOTAL</u>	50,070	4,200	4,119	436	82	176	23,231,021.22	2,930,705.87	1,217,381.34	31,364.25	74,869.58	4,254,321.04	27,485,342.26
		8.39%	8.23%	0.87%	0.16%	0.35%							

GPA Work Session - January 17, 2019 - DIVISION REPORTS

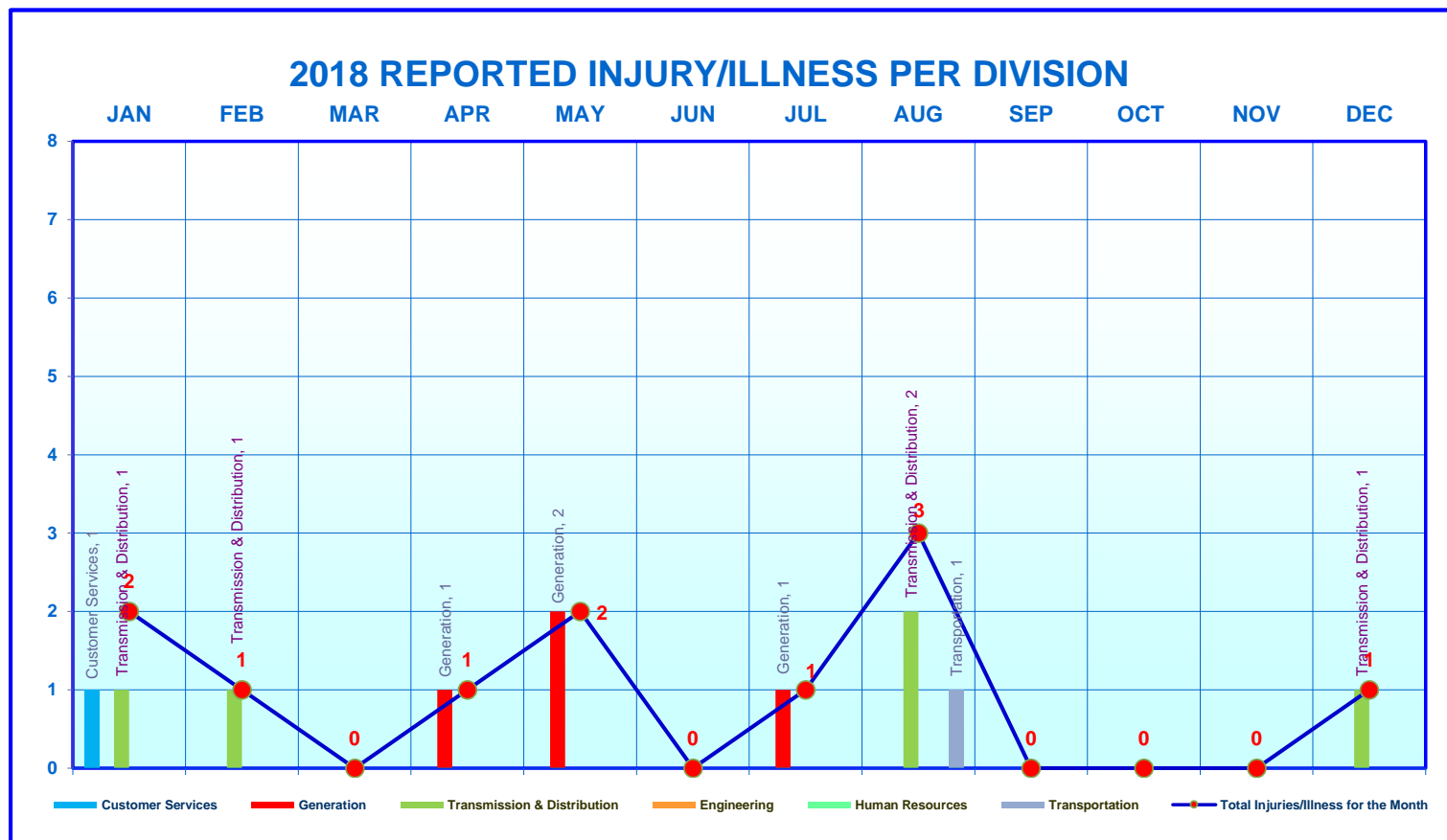


	Oct-19	Nov-19	Dec-19	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Average
RFPs	2	1	1										1.33333333
Invitation for Bid	7	11	5										7.66666667
Requisitions	180	110	63										117.666667
Purchase Order	260	112	99										157
Amendment	72	47	52										57
Rejected PO's	1	6	1										2.66666667
NOD	18	15	30										21
Close Outs	23	1	19										14.33333333



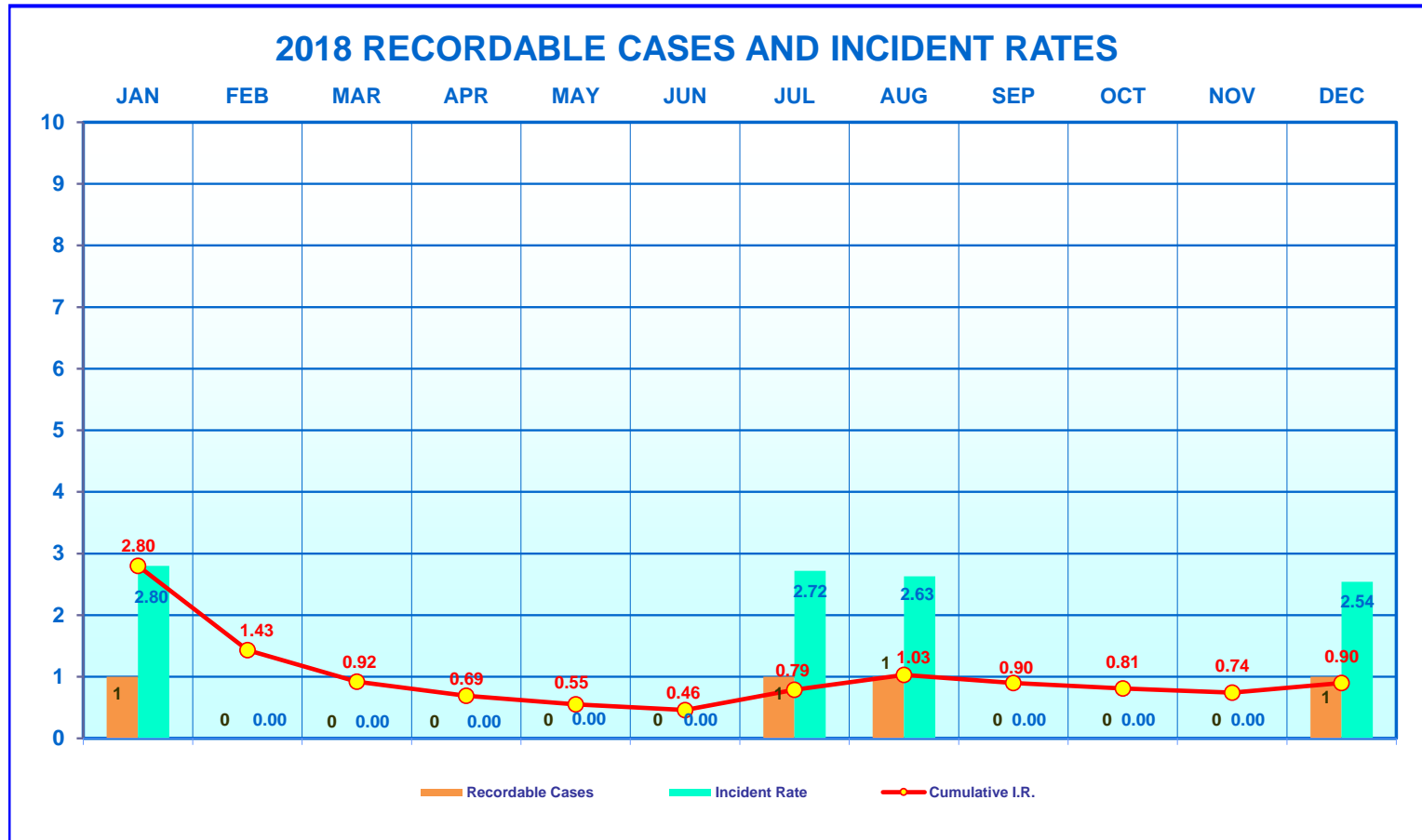


SAFETY DIVISION MONTHLY REPORT



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Customer Services	1											
Generation				1	2		1					
Transmission & Distribution	1	1						2				1
Human Resources												
Engineering												
Transportation								1				
Total Injuries/Illness for the Month	2	1	0	1	2	0	1	3	0	0	0	1

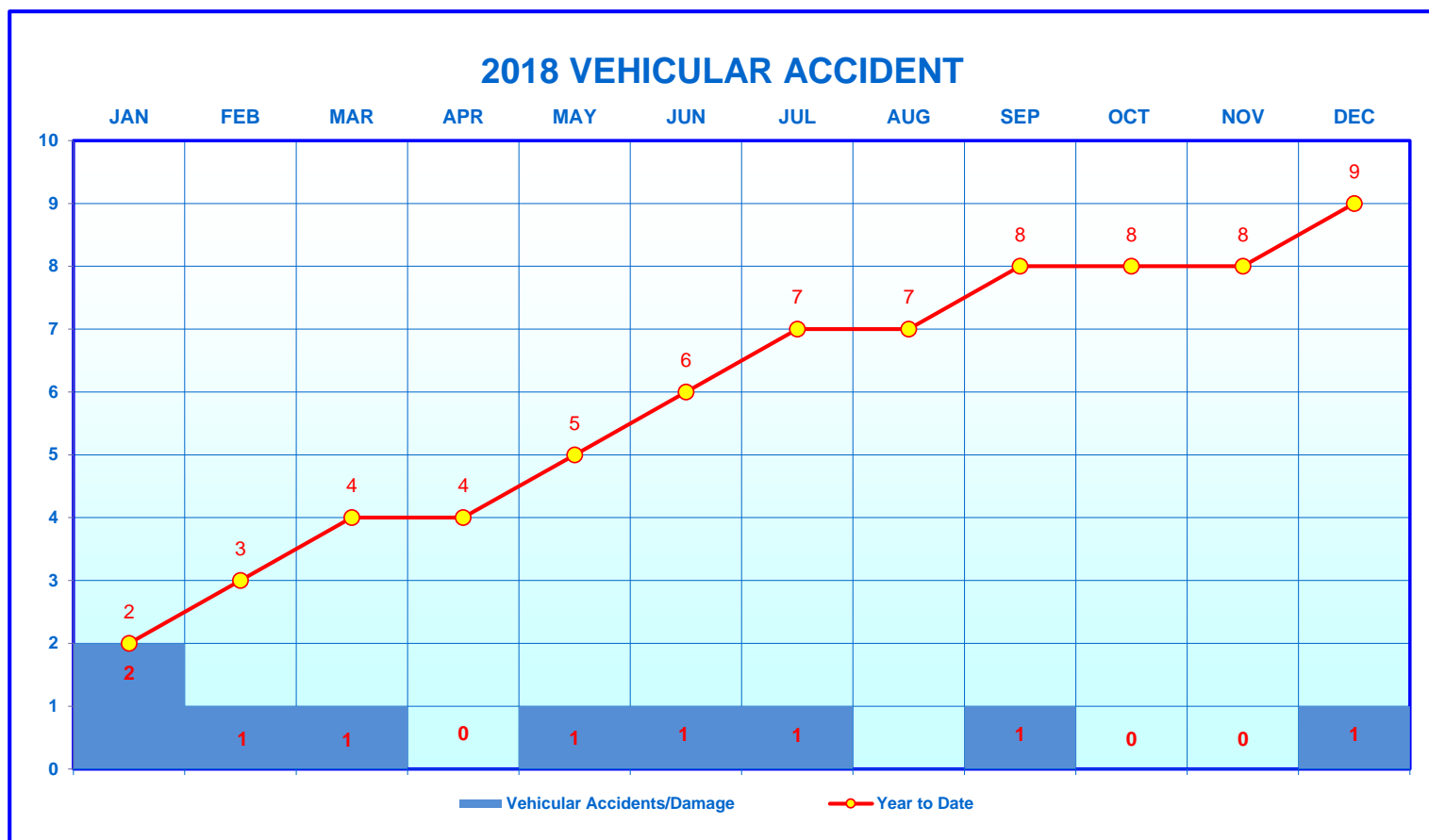
SAFETY DIVISION MONTHLY REPORT



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

	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Recordable Cases	1	0	0	0	0	0	1	1	0	0	0	1
Incident Rate	2.80	0.00	0.00	0.00	0.00	0.00	2.72	2.63	0.00	0.00	0.00	2.54
Cumulative I.R.	2.80	1.43	0.92	0.69	0.55	0.46	0.79	1.03	0.90	0.81	0.74	0.90

SAFETY DIVISION MONTHLY REPORT



	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
Vehicular Accidents/Damage	2	1	1	0	1	1	1	0	1	0	0	1
Year to Date	2	3	4	4	5	6	7	7	8	8	8	9
Accidents attributed to Employee fault	1	0	1	0	1	0	1	0	0	0	0	1

**GUAM POWER AUTHORITY
HUMAN RESOURCES DIVISION
STAFFING REPORT (FY 2019)
AS OF DECEMBER 31, 2018**

DIVISION	B1 ACTIVE EMP	B2 LAST EMP	C PROMOTE /TRANS	D PROM. RECLASS	E NEW HIRES	F RESIGN/ TERM	G RETIRE	H CURR VAC	I LAST VAC	(B1+H=K) TOTAL STAFFING
INTERNAL AUDIT/REVENUE PROTECTION	3	3	0	0	0	0	0	0	0	3
BOARD(10200)	2	2	0	0	0	0	0	0	0	2
GENERAL MANAGER (CUS) [10100]	0	0	0	0	0	0	0	0	0	0
GENERAL MANAGER (20500)	4	4	0	0	0	0	0	0	0	4
PUBLIC INFORMATION OFFICE	2	2	0	0	0	0	0	0	0	2
ASSIST GM-ENG/TECH SVCS (30500)	1	1	0	0	0	0	0	0	0	1
ASSISTANT GENERAL MGR (30800)	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	0	0	0	0	0	1	1	9
CUSTOMER SERVICES	32	32	0	0	0	0	0	4	5	36
INFORMATION TECHNOLOGY	16	15	0	0	1	0	0	1	1	17
FINANCE	39	37	0	0	2	0	0	5	7	44
PROCUREMENT	22	21	0	0	1	0	0	0	1	22
TRANSPORTATION	11	11	0	0	0	0	0	0	0	11
SAFETY	6	6	0	0	0	0	0	1	1	7
PLANNING & REG	8	8	0	0	0	0	0	0	0	8
ENGINEERING	37	36	0	0	2	0	1	2	3	39
GENERATION	127	127	0	0	0	0	0	5	6	132
TRANSMISSION/DISTRIBUTION	104	108	0	0	0	1	2	7	3	111
POWER SYSTEM CONTROL CENTER	24	22	0	0	1	0	0	4	5	28
	467	464	0	0	7	1	3	33	36	500
JOBS/SCSEP/GETP PARTICIPANTS	0	2								0
WORK EXPERIENCE PROGRAM	4	4								
APPRENTICESHIP PROGRAM	0	0								0
SUMMER ENGINEERING INTERNS	0	0								0
TEMPORARY (P.L. 34-116)	1	1								1
GRAND TOTAL WORKFORCE:	472	471	0	0	7	1	3	33	36	501

FTE Count per FY19 FMP: 500

Current vacancies adjusted to reflect FTE of 500

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

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

** SCSEP = Senior Community Service Employment Program

** APPRENTICESHIP TRAINING PROGRAM - 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. 34-116

Staffing Report as of December 31, 2018 - PREPARED BY: J.Aguigui

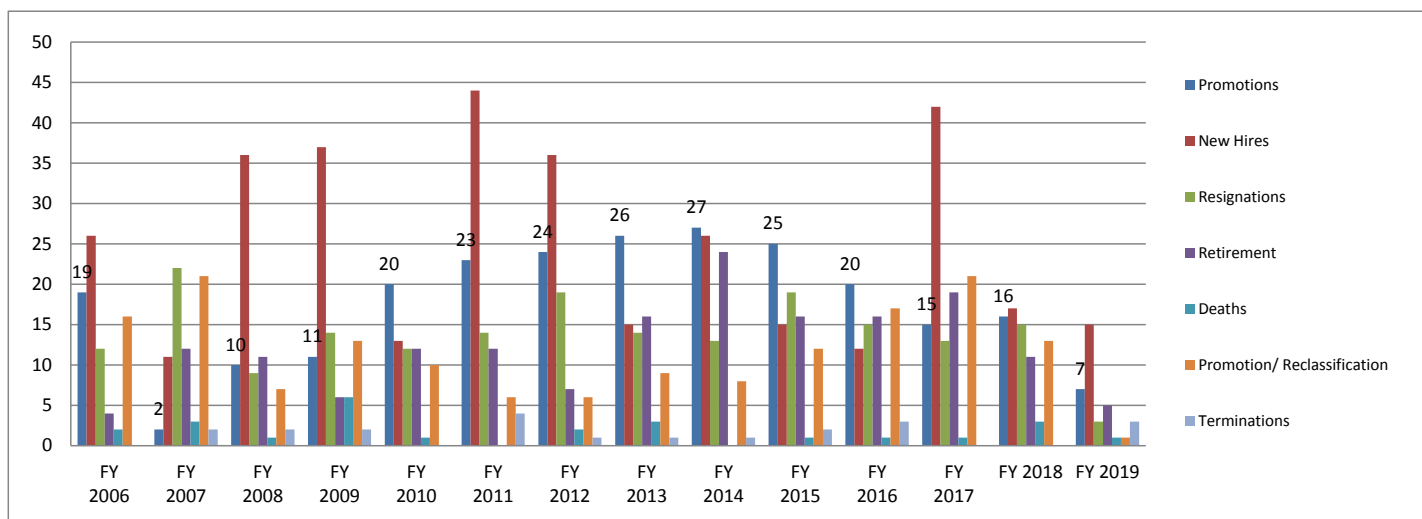
RECRUITMENT ANALYSIS

Fiscal Year	Promotions	New Hires	Resignations	Retirement	Deaths	Promotion/ Reclassification	Terminations	Total Authorized FTE	Attrition Rate	Total Filled FTE at end of Fiscal Year	Percentage of Filled FTE at end of Fiscal Year
2006	19	26	12	4	2	16	0	584	3.3%	536	91.8%
2007	2	11	22	12	3	21	2	584	7.2%	510	87.3%
2008	10	36	9	11	1	7	2	592	4.5%	525	88.7%
2009	11	37	14	6	6	13	2	592	5.3%	534	90.2%
2010	20	13	12	12	1	10	0	592	4.7%	522	88.2%
2011	23	44	14	12	0	6	4	592	5.7%	536	90.5%
2012	24	36	19	7	2	6	1	568	5.4%	543	95.6%
2013	26	15	14	16	3	9	1	568	6.3%	524	92.3%
2014	27	26	13	24	0	8	1	568	7.3%	512	90.1%
2015	25	15	19	16	1	12	2	539	7.4%	489	90.7%
2016	20	12	15	16	1	17	3	510	7.2%	466	91.4%
2017	15	42	13	19	1	21	0	510	7.1%	476	93.3%
2018	16	17	15	11	3	13	0	510	6.1%	464	91.0%
2019	7	15	3	5	1	1	3	500	2.6%	467	93.4%

Recruitment Analysis (FY 2019) ..1 of 2

as of 12/31/18

GPA Work Session - January 17, 2019 - DIVISION REPORTS



	FY 2006	FY 2007	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019
Promotions	19	2	10	11	20	23	24	26	27	25	20	15	16	7
New Hires	26	11	36	37	13	44	36	15	26	15	12	42	17	15
Resignations	12	22	9	14	12	14	19	14	13	19	15	13	15	3
Retirement	4	12	11	6	12	12	7	16	24	16	16	19	11	5
Deaths	2	3	1	6	1	0	2	3	0	1	1	1	3	1
Promotion/Reclassification	16	21	7	13	10	6	6	9	8	12	17	21	13	1
Terminations	0	2	2	2	0	4	1	1	1	2	3	0	0	3

TOTAL NO. OF EMPLOYEES	536	510	525	534	522	536	543	524	512	489	466	476	464	467
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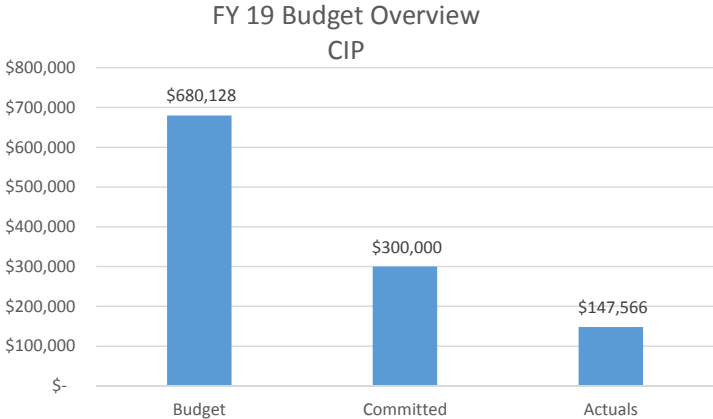
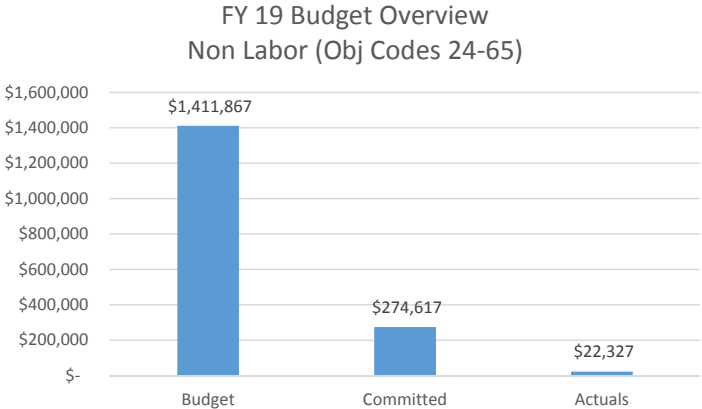
Recruitment Analysis (FY 2019) .. 2 of 2

as of 12/31/18

SPORD CCU Report

DECEMBER 2018

SPORD FY 2019 Budget Status



SPORD FY 2019 Budget Status

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

	Budgeted Amount	Committed Amount	Actuals	PO Balance
Aggreko Contract	\$ 12,822,000	\$ 12,414,831	\$ 2,823,201	\$ 9,591,630
Fuel Contracts	\$ 272,011,115	\$ 87,463,778	\$ 56,454,946	\$ 31,008,833
MEC IPP (Piti 8&9)	\$ 21,183,000	\$ 12,383,000	\$ 7,998,393	\$ 4,384,607
NRG Contract (Renewable)	\$ 10,463,361	\$ 10,178,157	\$ 2,298,447	\$ 7,879,710

Note: Not all contracts and purchase orders have been issued or processed as new contract terms for RFO and Diesel fuel contracts and MEC IPP extension contract commence after December.

SPORD FY 2019 Budget Status

Description	FY16	FY17	FY18	FY19 thru 10/31/18*	Total to Date
Regular/OT Pay	\$ 11,348.80	\$ 22,256.00	\$ 26,121.83	\$ 12,379.36	\$ 72,105.99
Other Contractual	\$ 28,278.50	\$ 85,550.05	\$ 116,977.50	\$ 3,025.00	\$ 233,831.05
Paid Rebates-Split AC	\$ 154,700.00	\$ 557,275.00	\$ 1,247,000.00	\$ 161,150.00	\$ 2,120,125.00
Paid Rebates- Central AC	\$ 3,400.00	\$ 8,200.00	\$ 4,400.00	\$ -	\$ 16,000.00
Paid Rebates-Washer/Dryer	\$ 2,800.00	\$ 7,425.00	\$ 48,800.00	\$ 10,000.00	\$ 69,025.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,443,299.33	\$ 186,554.36	\$2,511,087.04
Bank Interest (+)	\$ 1,676.42	\$ 1,722.74	\$ 1,222.29	\$ 288.37	\$ 4,909.82
Bank Fees	\$ 155.00	\$ 1,032.06	\$ 1,085.08	\$ 65.00	\$ 2,337.14
Ending Balance					\$ 436,688.64

* Expenses for December 2018 are preliminary pending closing of December books and above includes an update for Oct & Nov 2018 actuals.

Ongoing Activities

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

PROCUREMENT ACTIVITIES

PENDING AWARD / NTP

Responsible	PROJECT	Description	CCU Date Approved (Resolution No.)	PUC Date Approved (Docket No.)	Projected Start*	Projected Completion	Status
SPORD (RAC)	SMART GRID	Mobile Workforce Management System (MWMS) **RE-BID**	MS Bid	GPA-023-17	10/5/2017	3/20/2018	Contract Negotiations
SPORD (RAC)	PLANNING	MV90 Integration Services	RFP	GPA-RFP-18-001	1/30/2018	3/6/2018	Contract Negotiations

ONGOING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Bid/RFP No	Announced	Bid Opening / Due	Notes
SPORD (RAC)	PLANNING	Milsoft Systems Software Services	RFP	GPA-RFP-18-003	2/1/2018	3/7/2018	Contract Negotiations
SPORD (FJI)	NEW POWER PLANT	Build, Operate & Transfer Contract for 120-180MW of New Generation Capacity. (PHASE I - REQUEST FOR QUALIFICATIONS)	MS Bid	GPA-034-18	1/16/2018	4/5/2018 (Ph I) / Ph II 2/19/19	Step I - Qualifications completed. Total of 7 Qualified bidders selected. Obtained CCU approval to petition PUC for approval of technical bid documents in July 2018.
SPORD (ANF)	FUEL	Supply of Diesel Fuel Oil No. 2	MS Bid	GPA-008-18	11/16/2017	9/18/18 (Phase I) / Ph II TBD	Stay of Procurement due to Protest
SPORD (JTL)	RENEWABLES	Renewable Energy Resource Phase III	MS Bid	GPA-007-18	11/16/2017	4/12/2019	Lease modifications ongoing to address bidders' concerns/questions. Completed lease discussions in July.
SPORD (MAT)	FUEL / OPERATIONS	Handling and Hauling of GPA Used Oil and Supply of GPA Used Oil Meeting GPA Specifications	MS Bid	GPA-118-18	Sep-18	2/22/2019	On-going Procurement
SPORD (MAT)	OPERATIONS	MEC Waste Oil Hauling	IFB	GPA-019-10	12/1/2018	1/15/2019	On-going Procurement
SPORD (RAC)	SCADA	DNP3 SA training	RFP		11/20/2018	1/14/2019	Closing Extended (January 14, 2019)

DEVELOPING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Projected Start	Projected Completion	Status
ENGINEERING	FUEL	GPA Tank Farm DFO Pipeline Upgrade - Design / Build	Bid	2/8/2018	11/30/2018	Preparation of bid specs in progress. To install new diesel line from Navy Tie-in to the Bulk Fuel Tanks and replace diesel line to TEMES CT
ENGINEERING	FUEL	Tank 1935 API 653 Internal Inspection	Bid	5/1/2018	5/31/2019	Preparation of bid specs in progress. Budgeted for FY 2018.
SPORD (RAC)	ELECTRIC VEHICLE	Electric Vehicle Infrastructure	RFP	Oct-18	Jun-19	Developing Requirements
SPORD (RAC)	SMARTWORK SYSTEMS	Smartworks Systems Software Services	RFP	TBD	Continuous	Developing RFP
SPORD (ANF)	FUEL	Bulk ULSD Supply	Bid	TBD		Reviewing Bid documents for rebid due to no bid response.
SPORD (ANF)	FUEL	ULSD Hauling and Delivery Services for WSD and other plant sites	Bid	Nov-18	Mar-19	Reviewing Bid documents for rebid due to no bid response.
SPORD (ANF)	FUEL	GPA Bulk Fuel Storage Facility PMC	Bid	FY2019	Sep-19	Developing Specifications to convert to PMC
SPORD (LOS)	WIND TURBINE	Wind Turbine O&M Supervision and Materials	RFP	FY2019	FY2019	Developing RFP documents
SPORD (MAT)	PLANNING	Planning Software	RFP	FY2019	FY2019	Developing RFP documents

Project Activities

No.	Project Description	December 2018 Activities	Status / Est. Completion	RFP/Bid No
1	Energy Storage System (Phase I)	GPA reviewing Pre-Final design. Clearing and grading permit work commenced in November 2017. Foundation permit work commenced in January 2018. Construction is 58% completed.	12/31/2018 (reviewing schedule for project delays, potential delay thru Feb 2019)	MS Bid GPA-082-15
2	Renewable Energy Resource Phase II	On-going review for KEPCO-LGCNS substation design drawings. Hanwha working on interconnection scope and design.	KEPCO PV plant COD is APR 2021. Hanwha's COD is NLT Aug 22, 2021.	MS Bid GPA-070-16
3	New Power Plant Bid (EPCM)	Bidders' question submittal phase completed. Bid proposals extended to February 19, 2019. Preliminary geotechnical assessment (field work) is completed December 16. Final report is due end of January 2019. Also, Stanley consultants conducting preliminary environmental assessment. Assessments are to be forwarded to bidders as part of bid documents.	Projected Award (2019 Q3) COD (2022 Q2)	MS GPA-034-18
4	DSM Marketing	Completed DSM Survey and continued continued marketing support. Developing scope of work for FY19, pending funding allotment.	Continuous	
5	DSM Rebate Program	Processed about 265 equipment in applications for rebates totaling ~ \$64K	Continuous	
6	Wireless Network Expansion	Commenced Southern Expansion in collaboration with GWA: 30% Assessment of GWA Well Locations: Completed Assessment of Existing Tropos Units: 100% Router Equipment and Accessories purchase Routers programming Preparing next router order and installation documents	Dec-18 Completed Completed Received routers - May 2018 Completed - June 2018 Accessories - May 2018 October 2018	GPA-019-18
7	Electric Grid Analysis Software	Additional training for users Realtime Voltage Module Training on Planning and Analysis Cases	Completed Completed (July 2018) November 2018	GPA-064-16

Project Activities

No.	Project Description	October 2018 Activities	Status / Est. Completion	RFP/Bid No
8	GDOE BEST Schools	<p>Pilot Project: Carbullido Elementary School Investment Grade Audit at designated school scheduled between 1/28/19 and 2/6/19. Scope includes an audit for all internal and exterior lights, installing data loggers on ACs, temperature loggers in classrooms, roof structure assessment, etc. Planned Construction: Summer 2019 Lighting Grant Project: Southern High and George Washington High</p> <p>Room by room lighting audit for designated schools scheduled between 1/28/19 and 2/6/19. Scope includes documentation of all lighting equipment, data logging, spot measurements, etc. Siemens will perform and furnish a detailed cost and energy savings analysis of lighting solutions to GPA. Proposal for turn-key installation services to follow.</p>	Ongoing	GPA-RFP-16-013
9	Services to Develop Business Performance Indices using iDashboards	Dashboard builds 95%	Ongoing	GPA-RFP-16-008
10	Supervisory Control and Data Acquisition (SCADA) System	<p>Completed Firewall Server Setup and Commissioning Completed Point-to-Point testing and connections to all sites Completed Network Equipment Site Acceptance Test (SAT) Received SCADA Webserver</p>	January 31, 2019 Estimated Completion Date	GPA-066-16
11	Mobile Workforce Management System	Contract Negotiations	Dec-19	GPA-023-17
12	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	PMM review of submitted proposals	Ongoing	GPA-RFP-18-011

Project Activities

No.	Project Description	December 2018 Activities	Status / Est. Completion	RFP/Bid No
13	MEC Piti & #8 and #9 - ECA Extension	CCU and PUC approvals received. Contract Extension (Amendment No. 4) signed by both GPA and MEC. Sublease Agreement Extension (Amendment No.3) under DOD review, awaiting approval.	[Completed] [Completed] IN PROGRESS	
14	Generation Software (GADS open software)	Pending data entry from Generation & SPORD.	IN PROGRESS	
15	IFB for ULSD Supply for Baseloads and Peaking Units	Solicitation in progress. Bid package revised to include delivery requirements.	Start Date: Nov 2017 Est. completion: FY2019	IFB GPA-008-18
16	EV Infrastructure	Fast charge station scope for Mangilao offices. Developing fast charge station scope for Mangilao offices.	6/1/2019	
17	Renewable Energy Resource Phase III	Completed pre-bid conference and site visits January 23-24 2018. GPA/Navy evaluating lease to address bidder questions. Bid extended pending amendment to include lease modifications.	(Update on Schedule TBD) Tech Proposal Due	
18	Utility Energy Services Contract (UESC)	GDOE assessment report being drafted. Continued discussions with Navy and initiated data collection.	Oct 2018	
19	IFB for RFO Supply to Baseload Plants	Completed- 2-year Contract to commence on Dec 1, 2018 and will expire on August 31, 2020 with 3-1 year extension options	Completed	IFB GPA-009-18
20	GPA Fuel Farm RFO Pipeline Repair & Upgrade	c/o Engineering Project Mgt. Design ongoing.	Completed. Project Implementation in progress (Design phase)	IFB GPA-047-18
21	GPA Fuel Farm ULSD Pipeline Upgrade	c/o Engineering Project Mgt. Finalized bid specifications and obtained CCU approval Resolution 2018-21. PUC approved in Oct. 2018 (Docket 19-01)	Estimated Start: Oct 2019 Est. Completion: Sep 2019	For IFB Solicitation
22	Tk 1934 & Tk1935 API 653 Internal Inspection	c/o Engineering Project Mgt. Finalized bid specifications and obtained CCU approval Resolution 2018-20. PUC approved in Oct. 2018 (Docket 19-01)	Estimated Start: Jun 2018 Est. Completion: FY2019	For IFB Solicitation
23	Milsoft Systems Software Services	Contract Negotiations	Continuous	GPA-RFP-18-003
24	MV90 Integration Services	Contract Negotiations	May-19	GPA-RFP-18-001

Project Activities

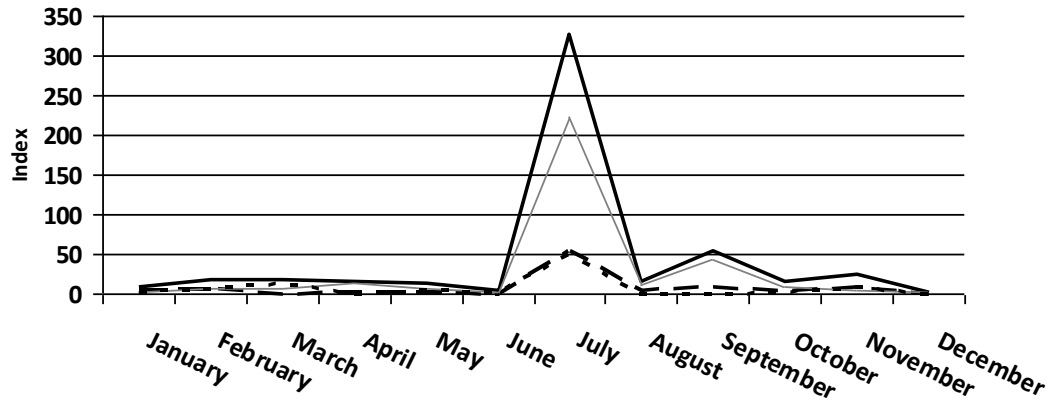
No.	Project Description	December 2018 Activities	Status / Est. Completion	RFP/Bid No
25	Grant Proposal Development and Proposal Application Management Services	GPA submitted a grant request for the Department of Interior funding opportunity which includes partnered projects with GDOE(Best Schools Program), Public-Access Parking Lot Solar Canopy, Demand-Side Management Expansion, Electric Vehicle (EV) Infrastructure, Employees-Access Parking Lot Solar Canopy, Wind Turbine Battery Storage, and Geothermal Studies and Exploration. GPA received notice of award for \$954,685 for Southern High School LED Lighting Retrofit and \$295,315 for George Washington High School LED Lighting Retrofit. Pending official transfer of award and instructions from DOI. Siemens will perform grant project (update in Item 8 above)	Feb 2018 (Contract signed)	Re-Solicitation GPA-RFP-16-011
26	Redesignation of Cabras-Piti / Guam	Re-designation received 12/2018. TRC standing assisting with SIP Modeling, SIP draft. AAQM Installation/Implementation on hold, will depend on USEPA approval of SIP after submission on/before July 2019	Start: October 2011 Est. Completion: July 2019 *Submitted to EPA by completion date	RFP-11-001
27	Environmental Strategic Planning	Draft being finalized.	Start: April 2018 Est. Completion: Jan 2019	RFP-11-001
28	GPA Fuel Farm- OWS Upgrading	c/o Engineering Project Mgt. Scope included in Tk 1934 & Tk1935 API 653 Internal Inspection and repair.	Estimated Start: Jun 2018 Est. Completion: FY2019	For IFB Solicitation
29	GPA Fuel Farm- LD System Upgrading	c/o Engineering Project Mgt. Scope included in Tk 1934 & Tk1935 API 653 Internal Inspection and repair.	Estimated Start: Jun 2018 Est. Completion: FY2019	For IFB Solicitation
30	MSB for Supply of Reprocessed Waste Oil Meeting GPA's ULSD Specifications	Multi-step Bid for the Supply of Reprocessed Waste Oil Meeting GPA's ULSD Specifications. Supplier will haul Waste Oil from GPA WOF, reprocess waste oil to meet GPA's ULSD Specifications, and supply to designated GPA Power Plants	Announced Sept. 19, 2018	MS GPA-118-18
31	IFB for MEC Waste Oil Hauling	Bid for the Hauling of MEC Waste Oil.	Announced December 2018	GPA-019-19
32	Energy Storage Development Support	Consultant preparing proposal for third-party commissioning services	December 31, 2018	GPA-RFP-13-007

Project Activities

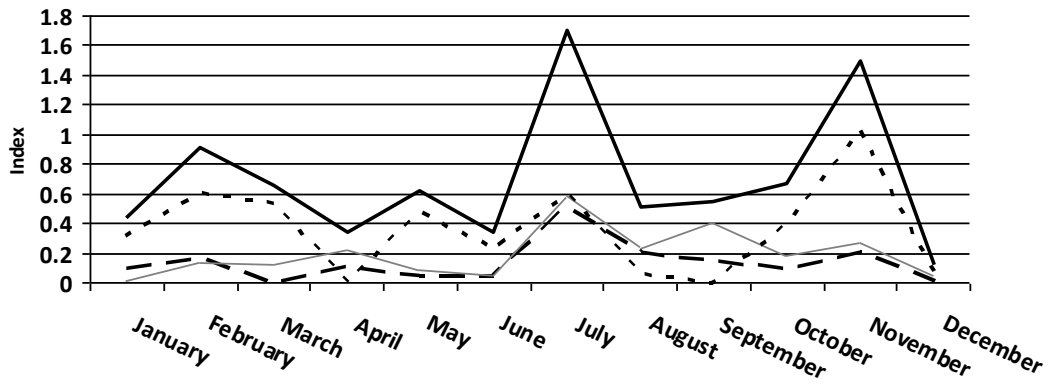
No.	Project Description	December 2018 Activities	Status / Est. Completion	RFP/Bid No
33	Wind Turbine Post-Construction Biologist Services (Grant Funds)	Consultant concluded two-year monitoring and submitted final report. Final report was reviewed by U.S. Fish and Wildlife Service.	September 30, 2018	GPA-RFP-14-003
34	Wind Turbine Maintenance Supervision and Materials	Consultant to supervise turbine repairs & replacement parts.		Sole Source
35	Planning Software Contract	Procurement of Planning Software, including installation, design, implementation, training and consulting services.	Developing RFP Documents.	TBD
36	Strategic Planning	On-going discussions for final & detailed SOW with consultant.	Estimated Start: Jan 2019 Est. Completion: Sept 2019	TBD



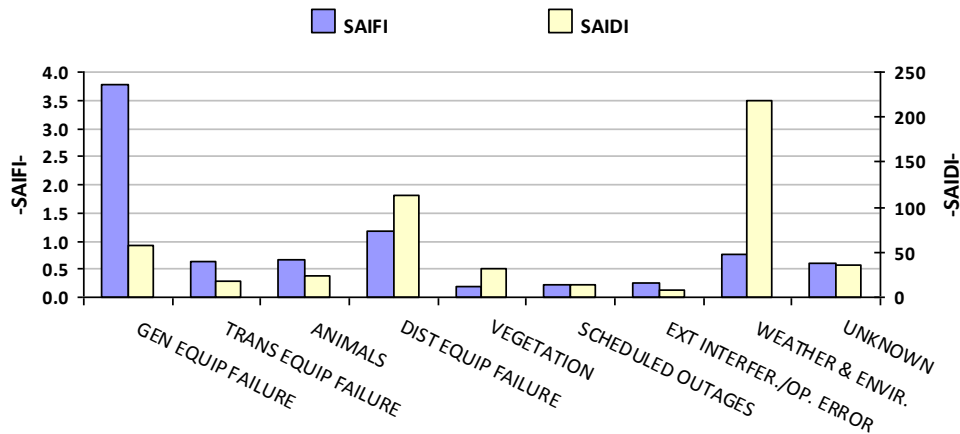
(Item 1.1,1.2,1.5) December 2018 SAIDI = 523.62 ↑ (521.62)



(Item 1.1,1.2,1.5) December 2018 SAIFI = 8.32 ↑ (8.28)

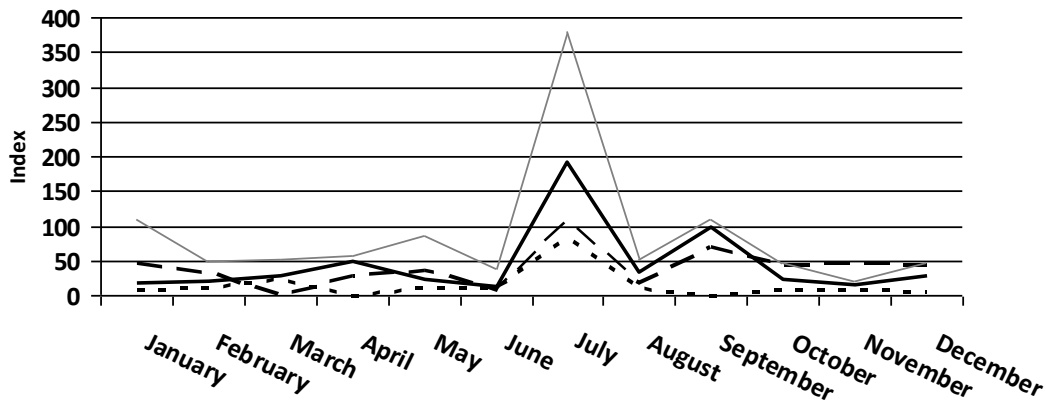
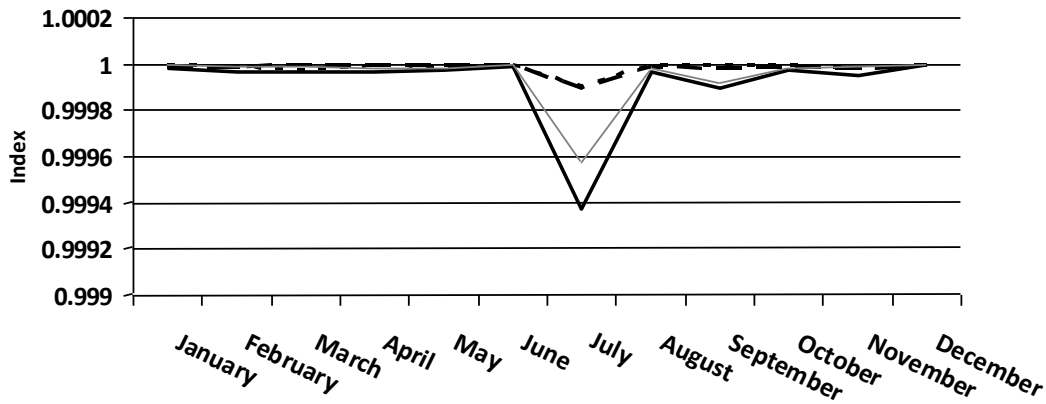


(Item 1.9) 12 Month Cause Contributions to Reliability



GEN EQUIP FAILURE
F:43.1% D:11.1%
TRANS EQUIP FAILURE
F:8.1% D:3.4%
ANIMALS
F:9.7% D:4.7%
DIST EQUIP FAILURE
F:11.8% D:21.8%
VEGETATION
F:2.1% D:6.1%
SCHEDULED OUTAGES
F:5.3% D:2.6%
EXT INTERFER./OP. ERROR
F:3.0% D:1.3%
WEATHER & ENVIR.
F:9.0% D:42.0%
UNKNOWN
F:8.1% D:7.0%

As of December 31, 2018

(Item 1.1,1.2,1.5) December 2018 CAIDI = 62.96 ↓ (63.03)**(Item 1.1,1.2,1.5) December 2018 ASAI = 0.9990 UNC* (0.9990)****(Item 1.4) Top 5 Worst Feeders Distribution Causes**

#	Feeder	Outage Count
1	P340	9
2	P046	9
3	P244	9
4	P341	8
5	P332	7

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
657	277	380

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Wind	90
2	Overhead Equipment	47
3	Substation Equipment	14
4	Underground Equipment	9
5	Vegetation	7

(Item 1.3) UFLS Contribution to Reliability

SAIDI	SAIFI	CAIDI
66.48	4.20	15.83

CCU Report– DSM

As of December 2018

All Expenses – Fiscal Year

Description	FY16	FY17	FY18	FY19 thru 10/31/18*	Total to Date
Regular/OT Pay	\$ 11,348.80	\$ 22,256.00	\$ 26,121.83	\$ 12,379.36	\$ 72,105.99
Other Contractual	\$ 28,278.50	\$ 85,550.05	\$ 116,977.50	\$ 3,025.00	\$ 233,831.05
Paid Rebates–Split AC	\$ 154,700.00	\$ 557,275.00	\$ 1,247,000.00	\$ 161,150.00	\$ 2,120,125.00
Paid Rebates– Central AC	\$ 3,400.00	\$ 8,200.00	\$ 4,400.00	\$ -	\$ 16,000.00
Paid Rebates– Washer/Dryer	\$ 2,800.00	\$ 7,425.00	\$ 48,800.00	\$ 10,000.00	\$ 69,025.00
Total Expenses	\$200,527.30	\$680,706.05	\$1,443,299.33	\$ 186,554.36	\$2,511,087.04
Bank Interest (+)	\$ 1,676.42	\$ 1,722.74	\$ 1,222.29	\$ 288.37	\$ 4,909.82
Bank Fees	\$ 155.00	\$ 1,032.06	\$ 1,085.08	\$ 65.00	\$ 2,337.14
Ending Balance					\$ 436,688.64

** Expenses for December 2018 are preliminary pending closing of December books and above includes an update for Oct & Nov 2018 actuals.*

FY 2017– Rebate Amount Paid Monthly

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

FY 2018– Rebate Amount Paid Monthly

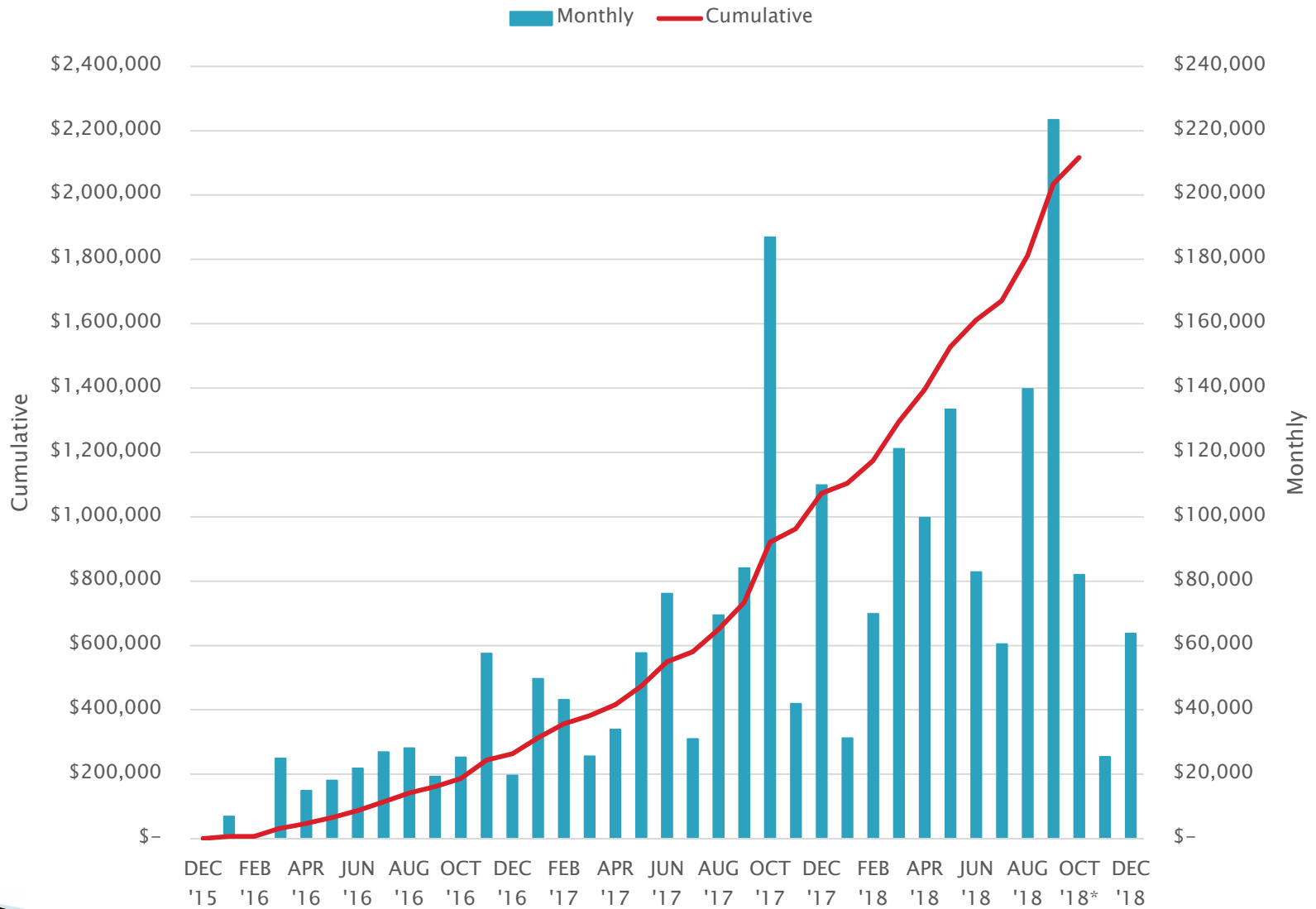
Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '17	\$ 186,850.00	\$ 185,850.00	\$ 800.00	\$ 200.00
NOV '17	\$ 41,900.00	\$ 41,700.00		\$ 200.00
DEC '17	\$ 109,875.00	\$ 108,475.00		\$ 1,400.00
JAN '18	\$ 31,175.00	\$ 31,175.00		
FEB '18	\$ 69,825.00	\$ 68,825.00		\$ 1,000.00
MAR '18	\$ 121,100.00	\$ 120,100.00		\$ 1,000.00
APR '18	\$ 99,700.00	\$ 94,400.00	\$ 500.00	\$ 4,800.00
MAY '18	\$ 133,350.00	\$ 127,150.00		\$ 6,200.00
JUN '18	\$ 82,800.00	\$ 77,600.00		\$ 5,200.00
JUL '18	\$ 60,475.00	\$ 56,475.00	\$ 1,000.00	\$ 3,000.00
AUG '18	\$ 139,750.00	\$ 129,650.00	\$ 1,300.00	\$ 8,800.00
SEP '18	\$ 223,400.00	\$ 205,600.00	\$ 800.00	\$17,000.00
TOTALS	\$1,300,200.00	\$1,247,000.00	\$ 4,400.00	\$48,800.00

FY 2019– Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCT '18*	\$ 82,000.00	\$ 75,400.00	\$ –	\$ 6,600.00
NOV '18	\$ 25,425.00	\$ 23,425.00		\$ 2,000.00
DEC '18	\$ 63,725.00	\$ 62,325.00		\$ 1,400.00
JAN '19				
FEB '19				
MAR '19				
APR '19				
MAY '19				
JUN '19				
JUL '19				
AUG '19				
SEP '19				
TOTALS	\$ 71,375.00	\$ 66,575.00	\$ –	\$ 4,800.00

** Expenses for December 2018 are preliminary pending closing of December books*

FY'17– FY'19 Rebate Amount Paid



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

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

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

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

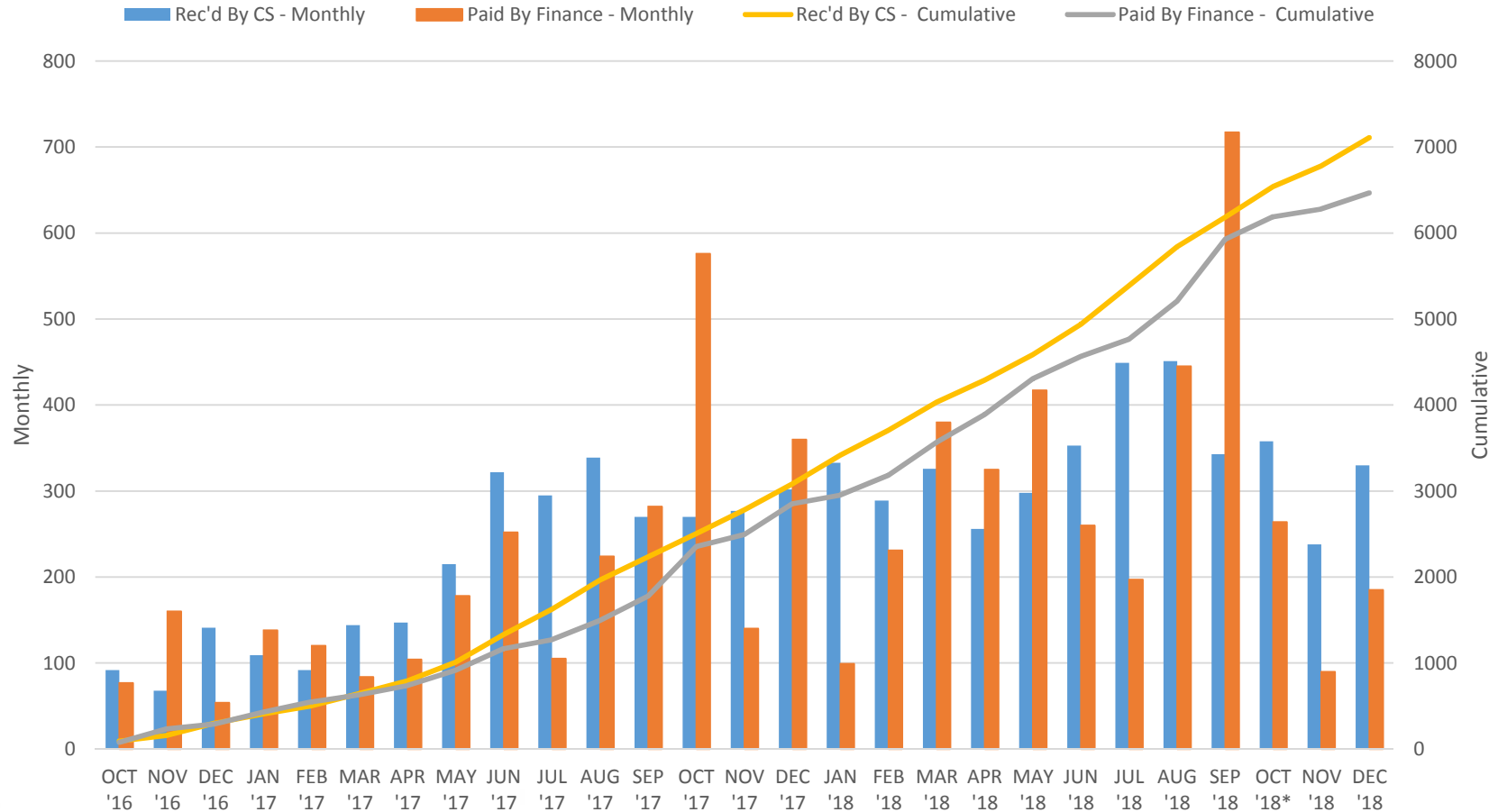
**Rebates for September 2018 are updated*

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

Month	Rec'd By CS	Paid By Finance
OCT '18*	358	264
NOV '18	238	90
DEC '18	330	185
JAN '19		
FEB '19		
MAR '19		
APR '19		
MAY '19		
JUN '19		
JUL '19		
AUG '19		
SEP '19		

**Rebates for December 2018 are preliminary pending closing of December books.*

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



GPA Work Session - January 17, 2019 - DIVISION REPORTS

ENGINEERING WORK ORDERS

Engineering Work Order Summary - December 2018	
Work Orders Received from CSR	75
Work Orders Processed & Released to T&D	134
Work Orders Processed & Released to CSR	8
Work Orders Cancelled	8
Work Orders Pending Survey	16
Total Pending WO at Engineering	642

Engineering Large Customer and Net Metering Tracking						
Date Received	Customer Name	Work Worder Numbers	Location	KVA	Meter Qty	Status
5/7/2014	Port Authority of Guam	412337	Piti			Upgrades of existing facilities, includes line relocations and service conversions from overhead to underground 75% completed. Currently on hold pending Port Authority direction for final removal.
12/20/2013	CoreTech International	Multiple	Dededo	300	64	Lada Estates, 450 kVA, Phase I and II are 100% Completed - 242 units energized. Phase III, 66 Units, 2 completed, 64 Pending, 90% Completed, 300 kVA. Phase IV currently in design phase by EMCE.
1/27/2015	TG Engineers	422182-85, 90-93, 96-98	Agana Heights	100	11	10 Unit Apartment, 100 kVA, 80% Completed. Work currently on hold.
5/13/2015	CoreTech International Towers, Tower 101, 102, 103, and 104	426021	Tamuning	3300	45	New condominiums, 2-1500kVA and 1 300 kVA, Tower 101 100% Completed, Tower 102, 103, and 104 are 50% completed. Temporary power pending for Community Center, 100% Completed. First 52 Service Orders for Tower 101 is 100% completed. 44 Service Orders released to T&D for Tower 102. Work on Tower 103 and 104 ongoing.
Pending	New Nikko Expansion	Pending	Tumon	1500		New Nikko Expansion, pending submittal of work order application. Redesign of primary feed completed. Constructon of new primary underground work was started in May 2018. New Underground line 30% completed.
3/10/2017	Best Housing Corp Ltd	446924-30	Mangilao	60	6	New 6-Unit Townhome, 90% completed
8/7/2017	Matsumoto, Akiyoshi	452146-49, 51, 4, 6	Tumon	60	7	New 6 Unit Apartment with Common Meter. 70% Completed.
10/2/2017	Sumitomo Mitsui (Baza Gardens Wastewater)	453369	Yona	300	1	Baza Gardens Wastewater Treatment Plant Improvements, 100% Completed released to T&D, 300 kVA
02/13/18	TNN Guam (Staff Housing)	457427-9, 32	Tumon	500	1	50 Unit Staff Housing, 90% Completed, 500 kVA
02/27/18	Propacific Builders (GCC)	457959, 60	Mangilao	150	0	New GCC Building 100, 100% Completed and released to T&D, existing meter and source, new switchgear only. Pending completion of punch list items.
3/1/2018	Docomo Pacific Inc., New Data Center	Pending Application	Talofofo	3000	1	New Data Center. Planned to come off P-260 and P-262. 0% Completed. Still in Design Phase.
03/12/18	Pernix Guam, LLC (GWA)	458313	Yigo	150	1	New GWA Water Reservoir, 90% Completed, 150 kVA
04/01/18	HG Northeast Inc	459085	Mangilao	100	14	New 14 Unit Subdivision, 5% Completed, 100 kVA, Pending Applications
4/30/2018	Rex International	459698	Sinajana	225	1	New Central Police Precinct, 70% Completed, 225 kVA
2/28/2018	Black Construction (Route 3 Road Improvements)	458020	Dededo			Route 3 Road Improvements. Involves the relocation of upto 54 ea. 45' concrete poles. 95% Completed.
05/12/18	Bestry Corporation	450085	Hagatna	500	8	Hamilton Hotel Renovation and Rehabilitation, 8 Meters, 100% Completed, 500 kVA. Pending Completion of punchlist items.
06/06/18	Goodwind Development Corporation	461159	Dededo	225	1	New JolliBee Restaurant, 75% Completed, 225 kVA
06/14/18	Guam Waterworks Authority	461363	Umatac-Merizo	300	1	New Umatac-Merizo Wastewater Treatment, 10% Completed, 300 kVA
12/13/18	Simpson, Henry M	466907, 8, 466658	Santa Rita			New Subdivision. Design Ongoing. Demand load pending completion of subdivision design.
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		19	Pending Net Metering Customers as of October 31, 2018.
Total				10770	181	

E&TS Summary

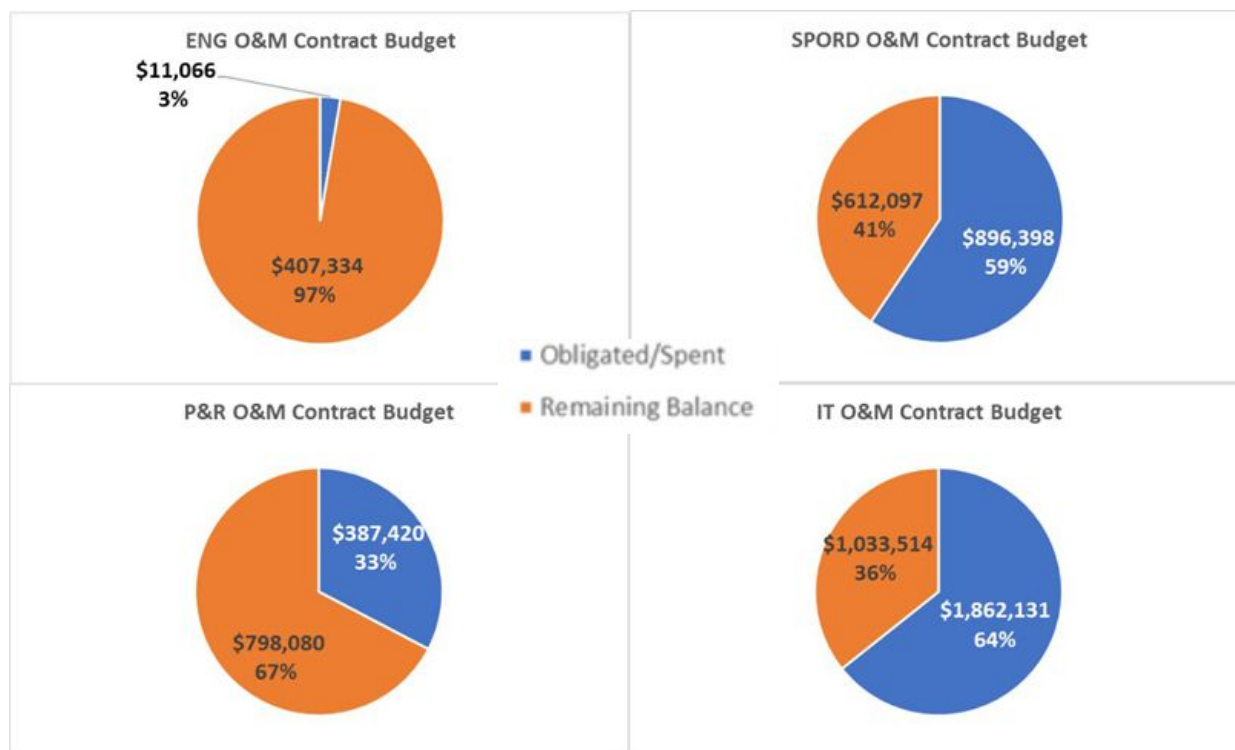
January 17, 2019

Agenda

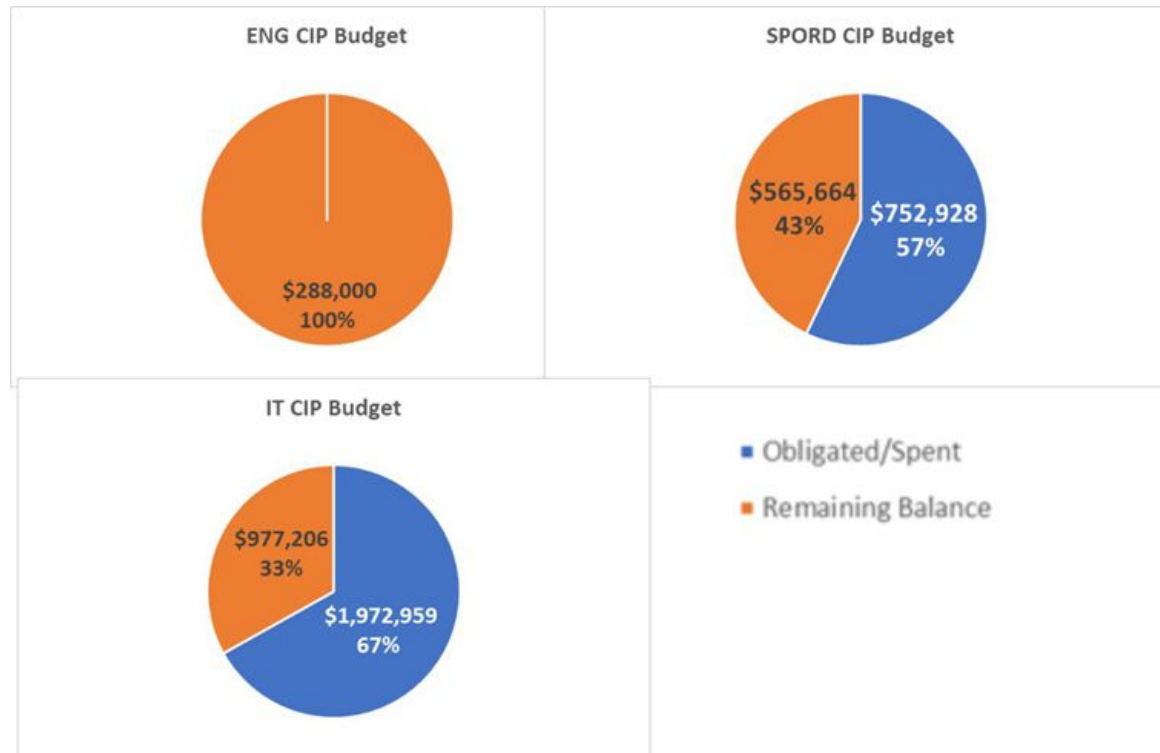
- E&TS Budget Execution Performance
 - O&M Contract Budget
 - CIP Budget
 - DSM Budget
- Procurement Summary
- Environmental Compliance (SPCC and BMP Inspections)
- E&TS Governance
- Grant Pursuance Program
- Projects

E&TS Budget Execution Performance

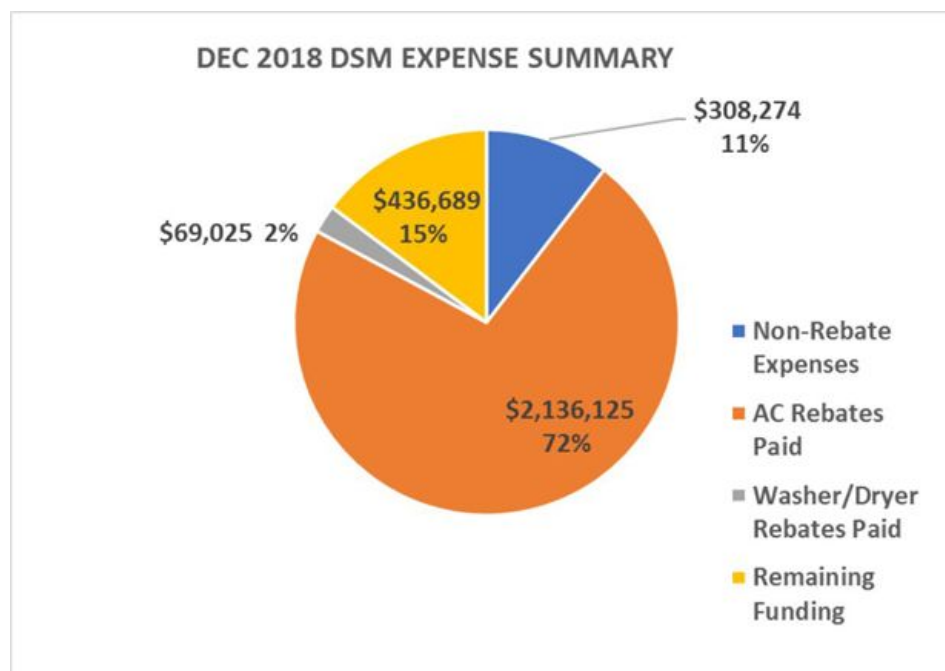
O&M Contract Budget



CIP Budget



DSM Budget



E&TS Procurement Summary

E&TS Division	Procurement Type					Current Status			Planned			
	RFP	Bid	Multistep Bid	Total	Resolicited	QBL Established	Evaluation Completed	Award/NTP	RFP	Bid	Multistep Bid	Total
SPORD	2	1	4	7		1	1	3	4		3	7
Engineering	2	11		13		5	5	5				
SPORD/Engineering												
IT	3	7	3	13				2	2			2
P&R			2	2			1	2		2		2
Total	7	19	9	35		6	7	12	6	2	3	11

Environmental Compliance

(SPCC and BMP Inspections)

Inspection Type	Discharge Prevention/Control	Organization Responsibility	Violations Not Remediated	Number
Spill Prevention, Control, and Countermeasure (SPCC)	Oil	Generation	New Violation Notifications Issued	0
			Remediations Past Due	26
			Remediations Not Past Due	0
		T&D	New Violation Notifications Issued	0
			Remediations Past Due	1
			Remediations Not Past Due	0
Best Management Practices (BMPs)	Industrial Wastewater Control,, Municipal Sewage Control, Storm Water Management, and Wetland Management	Generation	New Violation Notifications Issued	3
			Remediations Past Due	6
			Remediations Not Past Due	1

E&TS Governance/Change Management

IT & Cybersecurity Governance		
Item	SOP	Purpose
1	Information Technology & Data Center Security	To help ensure that the IT Divisions, Data Center, and equipment hosted therein, remains secure by having in place guidelines and procedures to restrict access to authorized personnel only.
2	Information Technology Purchasing Policy	To maintain Data, Network, Application and System integrity, IT is charged with endorsing technology purchases to ensure sustainability and compatibility with existing systems and can be efficiently supported.
3	Video Surveillance System Policy	To create a governance and usage structure for video surveillance and infrastructure systems, which shall apply to everyone entering, visiting and/or using GPWA facilities. (Note: Will require collaboration with Safety division)
4	Laptop, Tablet, Mobile Device, and Equipment Acceptable Use Agreement	Acceptable guidelines on the use of laptops, tablet, and mobile devices when using Authority owned devices and equipment.

Working with GPA & GWA Internal Audit and GPA & GWA IT.

Grant Pursuance Program

- Pre-Disaster Grant (FEMA) (January 31, 2019)
- Hazard Mitigation Grant (FEMA) (January 31, 2020)
- US EPA Brownfields Program
 - Brownfields Multipurpose (MP) Grants (January 31, 2019)
 - Brownfields Assessment Grants (January 31, 2019)
 - Brownfields Cleanup Grants (January 31, 2019)
- DOI/OIA Energizing Insular Communities (EIC) (2019, NO)
- DOI/OIA Technical Assistance Program (TAP) (March 1, 2019)
- DOI/OIA Maintenance Assistance Program (MAP) (March 1, 2019)
- US EPA Diesel Emissions Reductions Act (DERA)
 - Clean Diesel Funding Assistance Program (March 2019)
 - EV School Buses

AGMETS FY 2019 Projects	
Activity/Project	Lead
ESS Commissioning	SPORD
PSCC Commissioning	SPORD
Mobile Workforce Management System Project (Phase I)	SPORD
Fuel Infrastructure Transition Project	ENG
Tumon Lateral Underground Project	ENG
Disaster Recovery Office Implementation	IT
New Power Plant Bid	SPORD
Phase III Renewable Acquisition Bid	SPORD
Phase IV Renewable Acquisition Bid	SPORD
Integrated Resource Plan	
ULSD Bid	SPORD
Waste Oil Bid	SPORD
Phase IV and Beyond Renewables	SPORD
Fuel Infrastructure Transition Plan	SPORD
Transmission Upgrade Plan (Long Range Transmission Plan, System Improvement)	AGMETS
Underground Program Plan	ENG
EV Plan	AGMETS
LNG Plan	SPORD
Distribution System Upgrade Plan (Medium Range Distribution Plan)	SPORD
Plant Decommissioning Plan	P&R
Hazardous Waste Disposal at Piti Power Plant (support: Generation)	P&R
Piti Tanks Disposal (support: Generation)	P&R
Guam State Implementation Plan (SIP)	P&R
Fiber Optic Plan	IT
Line Reliability Inspection, Review and Plan	ENG
Physical Security Plan	IT
Cyber Security Plan	GPA IT
Strategic Plan	SPORD

AGMETS FY 2019 Projects	
Activity/Project	Lead
QMP for Cost-effective Reduction of System Losses and Unaccounted For Energy	
Energy Accounting System	
Substation Meters (Installed)	ENG
MDMS Integration	GPA IT
MV90	SPORD
Energy Sense Program	SPORD
DSM Rebate program	SPORD
BEST Schools Program	SPORD
GDOE Pilot Project	SPORD
DOI/OIA EIC LED Lighting Retrofit Grant Award (\$1.25 MM, Southern HS, GW HS)	SPORD
UESC Program	SPORD
UOG Energy Efficient House Pilot Project	SPORD
Grant Pursuance Program	
Pre-Disaster Grant (FEMA) (January 31, 2019)	ENG
Hazard Mitigation Grant (FEMA) (January 31, 2020)	ENG
US EPA Brownfields Program	
Brownfields Multipurpose (MP) Grants (January 31, 2019)	P&R
Brownfields Assessment Grants (January 31, 2019)	P&R
Brownfields Cleanup Grants (January 31, 2019)	P&R
DOI/OIA Energizing Insular Communities (EIC) (2019, NO)	SPORD
DOI/OIA Technical Assistance Program (TAP) (March 1, 2019)	ENG
DOI/OIA Maintenance Assistance Program (MAP) (March 1, 2019)	ENG
US EPA Diesel Emissions Reductions Act (DERA)	
Clean Diesel Funding Assistance Program (March 1, 2019)	SPORD
Drone Inspection Program	ENG
Enterprise 1 Implementation	GPA IT
RP3 Certification	ENG

Guam GPA & GWA EMS/SCADA System

SIEMENS



Monthly Project Report December 2018



Unrestricted

Project Progression Summary

1. Change Order No. 8 Extension to January 31, 2019 concurred to by GPWA
2. Site Acceptance Testing for Network Devices, SCADA Servers and SCADA Workstations Completed
 - a) Firewalls and FMC software configured and deployed
 - b) All physical network connection re-allocated and routing corrected
 - c) GTA IOLAN network re-configured to conform to GPWA's network change
 - d) Pending configuration of VPN connection
 - i. Will be completed upon procurement of VPN license
 - e) Pending configuration of Jumpstation
 - i. Will be completed upon commissioning of VPN
3. Continued work to rectify punch list items identified during SP5 functionality SAT
4. Advanced Applications Integration

GPWA SCADA EMS Project Bid No. GPA 066-16

Contract Administrator: Monito Co



Overall Status				G	Resources		Risks & Issues	G	Schedule	G	Scope	G	Financial	G
Burn Rate	This Month	Last Month	Incremental											
Scope (%)														
Budget (%)			13.2%											
Milestones Achieved	1, 3-12, & 14 of 18													

Updates & Accomplishments -- Month of December 2018	Resource	Upcoming Tasks / Open Items	TCD/ECD
1. December 12-13, 2018 - Site Acceptance Testing for SCADA Servers completed	GPWA Benson/Siemens	Completion of punch list items identified during Network, Server and Workstation Site Acceptance Testing	Jan. 31, 2019
2. December 13-14 – SAT for Network Devices completed			
3. December 14 – SAT for SCADA Workstations completed	GPWA Benson/Siemens	Completion of punch list items identified for rectification during SAT	Jan. 31, 2019
4. December 14-15 – Continued work on Firewalls to ensure compliance with GPWA Cyber Security requirements	GPWA Benson/Siemens	Advance Application Development, Implementation, Testing and Finalization	Jan. 31, 2019
5. Punch list items identified and undergoing rectification	GPWA Benson/Siemens	Issuance of SAT Acceptance Certificates	Jan. 31, 2019

Risks and Issues	DATE IDENTIFIED	Resolution	RESOLUTION DEADLINE
Legend: G No corrective action required Y Near-term corrective action required R Requires immediate attention			3

GPWA SCADA EMS Project Bid No. GPA 066-16

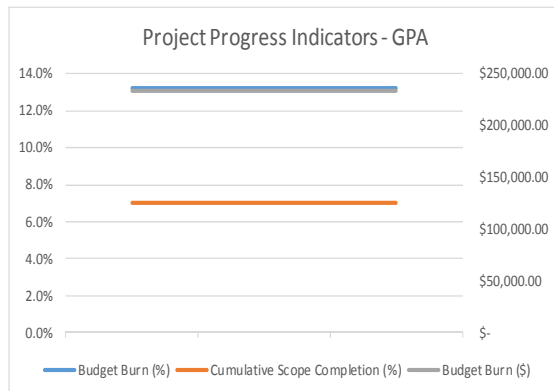
Contract Administrator: Monito Co



Overall Status				G
Burn Rate	This Month	Last Month	Incremental	
Scope (%)				
Budget (%)	13.2%			
Milestones Achieved	1, 3-12, & 14 of 18			

Resources	Risks & Issues	Schedule	Scope	Financial
1. Benson/Siemens 2. GPWA	G	G	G	G

Project Progress Indicators



Phase I	\$	1,518,769.00	\$	1,518,769.00	6
Phase I	\$	1,518,769.00	\$ 250,537.38	\$ 1,769,306.38	6

Project Schedule & Budget Performance Indicators

Factory Activities (In Taiwan / Germany)	9-Jul-18
Approval of revised documentation	4-Dec-17
Preliminary Factory Acceptance Test (Pre-FAT) in Taiwan	2-May-18
- Base Applications	27-Apr-18
- Advanced Applications	2-May-18
Factory Acceptance Test (FAT) in Taiwan	10-Jun-18
- Advanced Applications	7-May-18
- Hardware delivery to Site	31-May-18
Site Activities (In Guam)	1-Oct-18
Site Commissioning (Point to point testing)	29-Aug-18
Site Commissioning (GPA - Point to point testing)	28-Aug-18
Issuance of Site Commissioning Completion Certificate	28-Aug-18
Site Acceptance Test (SAT)	14-Dec-18
- Advanced Applications	17-Dec-18
Investigation of variance / bug (SAT if any - Advanced Applications)	15-Dec-18
Issuance of Site Acceptance Certificate	31-Dec-18
Availability Test (AVT) - 1000hrs (42 Calendar Day, 28 working day)	11-Feb-19
Issuance of AVT Certificate	11-Feb-19
Handover of System to end customer	11-Feb-19
Commencement of warranty (12 months)	11-Feb-19
Issuance of Final Acceptance Certificates (FAC)	11-Feb-20

Legend:



No corrective action required



Near-term corrective action required



Requires immediate attention

GPWA SCADA EMS Project Bid No. GPA 066-16

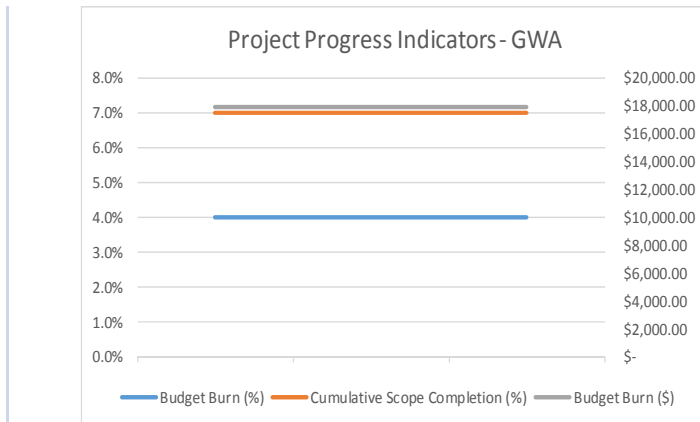
Contract Administrator: Monito Co



Overall Status				G	Resources	Risks & Issues	G	Schedule	G	Scope	G	Financial	G
Burn Rate	This Month	Last Month	Incremental		1. Benson/Siemens 2. GPWA								
Scope (%)													
Budget (%)	13.2%												
Milestones Achieved	1, 3-12, & 14 of 18												

Project Progress Indicators

Project Schedule & Budget Performance Indicators



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Commencement of warranty (12 months)	11-Feb-19
Issuance of Final Acceptance Certificates (FAC)	11-Feb-20

Phase I	\$ 432,705.00	\$ 432,705.00	6
	\$ 18,000.00	\$ 450,705.00	6

Legend:



No corrective action required



Near-term corrective action required



Requires immediate attention

GPWA SCADA EMS Project

Bid No. GPA 066-16

Contract Administrator: Monito Co



Overall Status			G
Burn Rate	This Month	Last Month	
Scope (%)			
Budget (%)			
Milestones Achieved	1, 3-12, & 14 of 18		
1. Mobilization			
2. Project Management			
3. Permits, Bonds and Codes			
4. Project Installation Site Survey			
5. Interconnection and Integration Design			
6. Communications and Networking Design and Execution Plan			
7. Installation Design			
8. Software Cost, Procurement and Delivery			
9. Third Party Software Cost, Procurement and Delivery			
10. Software Installation			
11. Equipment Cost, Procurement and Delivery			
12. Construction, Equipment Installation and Interconnection			
13. Commissioning, Quality Assurance and Performance Testing			
14. Training			
15. Demobilization			
16. Warranty			
17. Documentation			
18. Annual Maintenance			

Legend:



No corrective action required

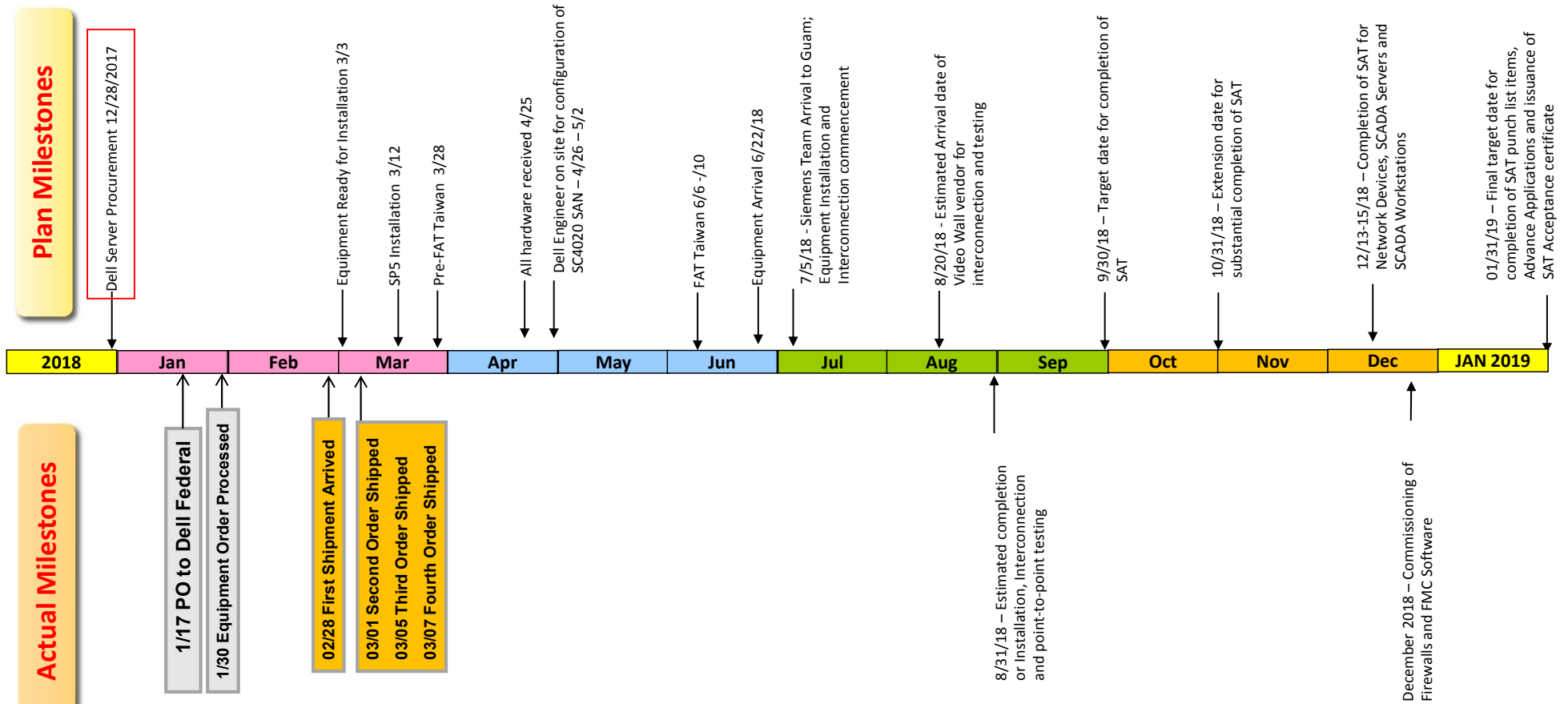


Near-term corrective action required



Requires immediate attention

Project FAT Milestone



Infrared Inspection Worksheet

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

Top 10 Worst Circuits
Underground Circuits

Infrared Inspection Worksheet

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

Top 10 Worst Circuits

NET METERING December 2018

	<u>Quantity</u>	<u>Connected kVA</u>
Completed	1,840	20,053
Pending	19	241
Grand Total	1,859	20,294

Rate Class and Technology			
Technology	Schedule	Data Count	Total kW
Solar Energy	R - Residential	1,741	16,076.67
	J - Gen Service Dmd	34	1,823.91
	K - Small Gov Dmd	9	317.80
	L - Large Government	2	122.80
	P - Large Power	4	340.70
	G - Gen Serv Non-Dm	41	1,288.99
	S - Sm Gov Non-Dmd	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		1,840	20,053.27

Projected FY 2018 Non-Fuel Revenue Loss					
Customer Rate Class	Renewable Energy Capacity (kW)	Annual kWh Generated (@5.092 hours/day)*	Average Non-Fuel Yield \$/kWh	Estimated Annual Revenue Loss	
R	16,080.27	29,884,520.0	0.09293	\$	2,777,198.32
J	1,823.91	3,389,660.7	0.13112	\$	444,455.71
K	317.80	590,618.1	0.13932	\$	82,286.09
L	122.80	228,218.7	0.13525	\$	30,866.12
P	340.70	633,176.8	0.11539	\$	73,061.63
G	1,288.99	2,395,534.2	0.15084	\$	361,332.80
S	78.80	146,446.5	0.15334	\$	22,456.26
Grand Total	20,053.27	37,268,174.9		\$	3,791,656.93

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

Estimated Annual Revenue Loss

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

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

NET METERING
December 2018

Customer Count and Connected kW by Feeder					
Status	Feeder	Net Metering Connected kW	Customer Count	% of Feeder Maximum kW	% of Feeder Minimum Daytime kW
Completed	P-005	263.73	25	15.3%	30.7%
	P-046	257.06	31	6.1%	9.3%
	P-088	661.12	72	11.0%	17.4%
	P-089	553.62	69	12.4%	29.8%
	P-111	90.00	2	1.7%	2.9%
	P-203	445.86	35	6.0%	16.9%
	P-204	135.63	16	2.9%	6.0%
	P-205	36.40	4	0.8%	1.3%
	P-210	519.37	53	10.2%	13.8%
	P-212	950.20	91	23.0%	59.5%
	P-213	303.83	12	11.6%	15.6%
	P-220	179.22	20	29.4%	92.4%
	P-221	588.08	60	13.4%	26.6%
	P-223	553.43	60	23.2%	33.2%
	P-240	58.55	2	0.9%	7.9%
	P-245	135.00	3	2.7%	5.8%
	P-250	1,079.43	107	16.6%	29.2%
	P-251	145.50	7	5.9%	9.0%
	P-253	516.47	55	11.5%	18.1%
	P-262	1,045.66	106	27.5%	65.8%
	P-270	367.54	31	7.2%	14.6%
	P-271	129.78	12	2.2%	4.7%
	P-272	247.04	18	9.6%	21.9%
	P-280	339.07	27	18.9%	35.1%
	P-281	189.70	4	6.8%	18.9%
	P-282	21.00	2	0.6%	1.7%
	P-283	550.18	51	15.2%	26.1%
	P-294	1,142.94	109	26.4%	52.3%
	P-301	213.66	23	15.1%	26.9%
	P-311	957.57	52	24.0%	41.1%
	P-322	1,267.62	100	16.7%	33.2%
	P-323	308.35	20	6.5%	20.3%
	P-330	611.56	76	11.2%	22.6%
	P-331	740.55	84	11.7%	19.0%
	P-332	541.27	61	9.6%	14.0%
	P-340	534.38	47	29.5%	64.9%
	P-087	1,222.42	130	31.1%	48.8%
	P-252	599.13	32	14.2%	29.0%
	P-321	288.73	27	5.2%	5.8%
	P-260	70.96	7	10.3%	35.5%
	P-067	86.20	10	1.0%	1.3%
	P-312	82.24	5	4.9%	5.7%
	P-206	18.33	2	1.9%	3.4%
	P-242	23.75	2	0.4%	1.1%
	P-310	181.57	8	6.6%	12.1%
	P-261	438.76	47	15.8%	27.2%
	P-201	45.00	6	1.3%	2.3%
	P-007	85.86	8	11.9%	25.3%
	P-244	36.56	2	2.1%	2.1%
	P-202	34.50	2	1.1%	2.6%
	P-341	4.30	1	0.4%	1.6%
	P-401	117.00	2	10.3%	17.3%
	P-400	37.64	2	3.9%	4.0%
Completed Total		20,053.27	1,840		
Pending	P-322	100.00	1	1.3%	2.6%
	Pending	129.41	17	0.0%	0.0%
	P-341	11.25	1	1.0%	4.3%
Pending Total		240.66	19	2.3%	6.9%
Grand Total		20,293.93	1,859		

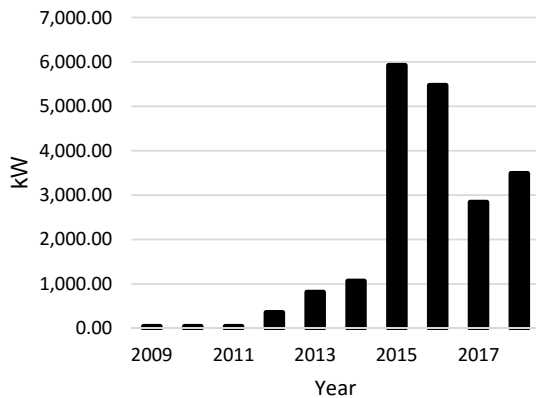
NET METERING

December 2018

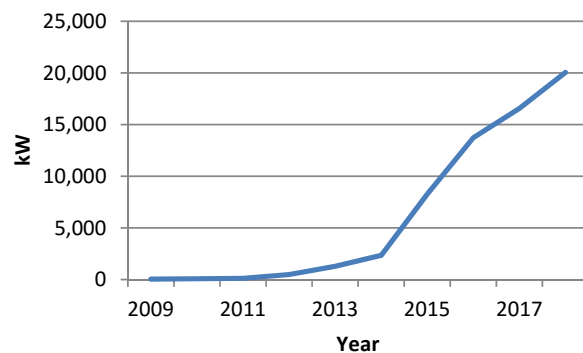
Installed kW by Year		
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	41.61	120.27
2012	354.61	474.88
2013	808.15	1,283.03
2014	1,060.04	2,343.07
2015	5,920.39	8,263.46
2016	5,468.49	13,731.94
2017	2,836.10	16,568.04
2018	3,485.23	20,053.27
Grand Total	20,053.27	

Customer Count by Year		
Year	Total	Cumulative
2009	7	7
2010	2	9
2011	6	15
2012	27	42
2013	66	108
2014	94	202
2015	563	765
2016	527	1,292
2017	293	1,585
2018	255	1,840
Grand Total	1,840	

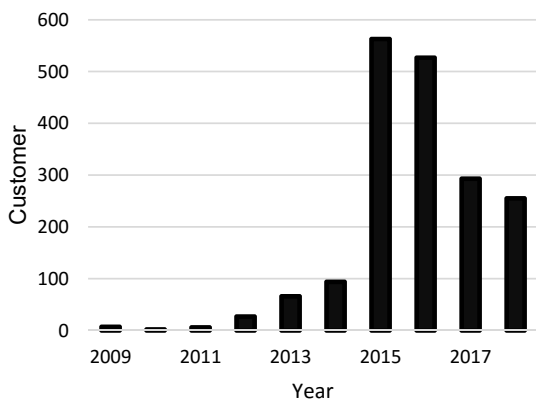
Yearly Installed kW



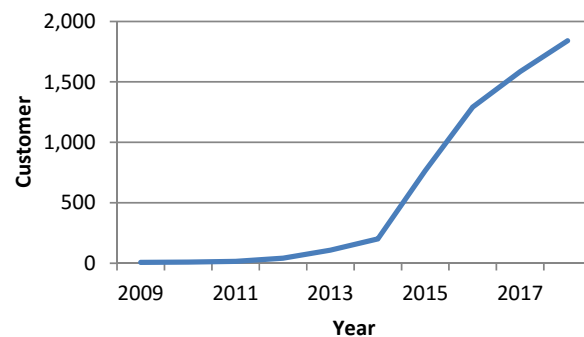
Cumulative Installed kW



Yearly Connected Customer Count



Cumulative Connected Customer Count





Production Data
31-Dec-18

SYSTEM											
YEAR	MONTH	# of DAYS	GROSS GENERATION	FUEL CONSUMPTION		GROSS FUEL EFFICIENCY (Target ≥ 15.99 kWh/gal)	COST per GROSS kWh	GROSS HEAT RATE (Baseloads) PUC Target less than 9,600	GROSS HEAT RATE (Peaking) PUC Target less than 13,600	Ave. MW	Peak MW
				(gal)	(bbl)						
2016	July	31	151,248,202	10,443,028	248,644	14.48	\$ 0.0920	9,477.71	12,208.87	203	258
	Aug	31	149,051,031	10,210,429	243,105	14.60	\$ 0.0935	9,431.70	11,155.10	200	252
	Sept	30	142,069,206	9,829,773	234,042	14.45	\$ 0.0956	9,509.75	11,393.73	197	256
	Oct	31	148,824,965	9,660,319	230,008	15.41	\$ 0.0729	9,749.38	10,738.69	200	252
	Nov	30	145,293,562	9,427,636	224,468	15.41	\$ 0.0901	9,714.47	10,786.30	202	252
	Dec	31	147,753,552	9,725,521	231,560	15.19	\$ 0.0934	9,661.13	10,645.44	199	248
2017	Jan	31	142,960,618	9,226,278	219,673	15.49	\$ 0.0913	9,620.29	10,965.71	192	234
	Feb	28	113,499,400	7,270,830	173,115	15.61	\$ 0.0900	9,609.08	11,503.12	195	246
	Mar	31	149,402,182	9,664,440	230,106	15.46	\$ 0.1014	9,719.35	11,440.45	201	246
	Apr	30	145,351,026	9,913,757	236,042	14.66	\$ 0.1101	9,750.73	11,392.12	202	250
	May	31	157,573,506	11,065,930	263,475	14.24	\$ 0.1170	10,067.14	11,323.20	212	256
	June	30	150,240,751	10,654,196	253,671	14.10	\$ 0.1101	10,209.74	11,248.62	209	257
	July	31	150,580,050	10,622,458	252,916	14.18	\$ 0.1169	9,544.54	11,837.62	202	252
	Aug	31	150,084,827	10,642,044	253,382	14.10	\$ 0.1177	9,206.15	11,917.58	202	261
	Sept	30	143,990,208	10,309,304	245,460	13.97	\$ 0.1152	9,541.20	13,107.05	200	254
	Oct	31	147,122,071	9,774,857	232,735	15.05	\$ 0.1079	9,590.71	11,375.81	198	254
	Nov	30	147,284,781	9,783,352	232,937	15.05	\$ 0.1061	9,563.85	11,257.17	205	253
	Dec	31	151,600,064	9,925,003	236,310	15.27	\$ 0.1122	9,607.13	11,035.82	204	250
2018	Jan	31	147,704,057	9,563,641	227,706	15.44	\$ 0.1078	9,755.40	11,029.21	199	246
	Feb	28	131,329,470	8,660,044	206,192	15.16	\$ 0.1150	9,763.94	11,125.15	195	241
	Mar	31	144,370,550	9,889,634	235,467	14.60	\$ 0.1345	9,183.77	11,853.09	194	244
	Apr	30	142,493,891	9,636,757	229,447	14.79	\$ 0.1232	9,558.86	11,901.02	198	247
	May	31	151,201,454	10,120,017	240,953	14.94	\$ 0.1342	9,549.70	11,703.13	203	249
	June	30	142,902,259	9,674,924	230,355	14.77	\$ 0.1399	9,563.51	11,494.36	198	246
	July	31	139,718,862	9,726,750	231,589	14.36	\$ 0.1468	9,647.53	11,909.20	188	242
	Aug	31	141,640,237	9,834,936	234,165	14.40	\$ 0.1437	9,817.09	13,623.96	190	238
	Sept	30	129,965,486	9,303,709	221,517	13.97	\$ 0.1526	9,383.54	13,625.29	181	240
	Oct	31	149,090,501	10,752,842	256,020	13.87	\$ 0.1592	9,870.49	12,783.94	200	243
	Nov	30	139,840,706	9,348,494	222,583	14.96	\$ 0.1446	9,772.22	12,091.07	194	241
	Dec	31	144,799,157	9,756,460	232,297	14.84	\$ 0.1497	9,443.41	11,943.41	195	237

GPA Work Session - January 17, 2019 - DIVISION REPORTS

T&D Vegetation Management

Percent Completion (per Sector Feeder)

Note: Feeders priority listing based on outages due to vegetation

Northern Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P332	6,830	11,470	9,561	308%
P322	7,265	500	4,800	73%
P330	2,635		12,599	478%
P087	4,245	4,450		105%
P046	1,245	200		
P321	4,045			
P088	3,310			
P089	670	160		24%
P331	1,925	50		3%
P323	2,810			
P271	50	1,405		2810%
P270	300	1,595		532%
P245	1,660	1,200		72%
P272	150	430		287%
P111	500	475		95%
P244	920	940		102%
P240	430	430		100%
P242	290	160		55%
Total	39,280	23,465	26,960	128%

Central Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P250	33,290	13,340	10,392	71%
P212	17,560	100		1%
P253	15,240			
P283	2,230		7,000	314%
P210	10,120	40		0%
P280	1,675	380		23%
P311	1,360			
P007	778			
P211	6,050			
P202	420			
P251	280			
P213	3,500			
P252	1,520		4,586	302%
P201	100			
P203	370			
P282	525			
P310	370	100		27%
P205	350			
P206	140			
P204	530			
P312	200			
P281	525			
P400	150			
Total	97,283	13,960	21,978	37%

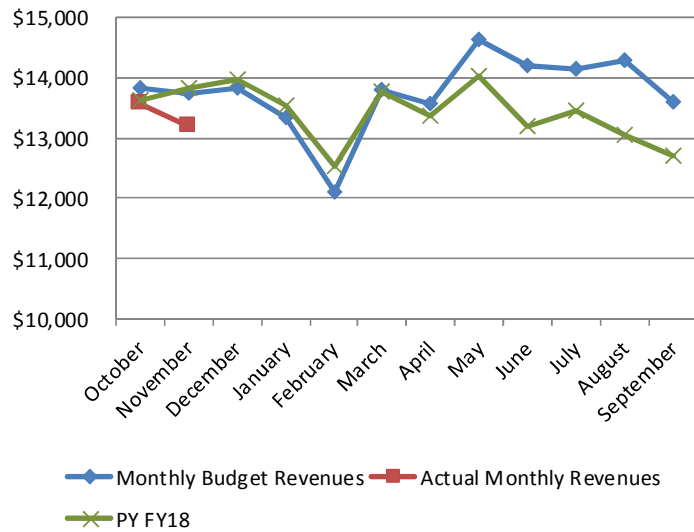
Southern Sector

Feeder	Estimated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P294	9,430	45	22,801	242%
P261	4,930	1,030	9,939	222%
P340	13,240	790	27,675	215%
P262	5,185	520	19,236	381%
P221	1,570	795		51%
P223	2,500	1,935		77%
P341	880	450	450	102%
P301	19,915	1,999	1,675	18%
P005	990	150		15%
P220	1,250	185		15%
P260	12,630	2,650		21%
Total	72,520	10,549	81,776	127%

November 2018 Monthly Financial Highlight

1

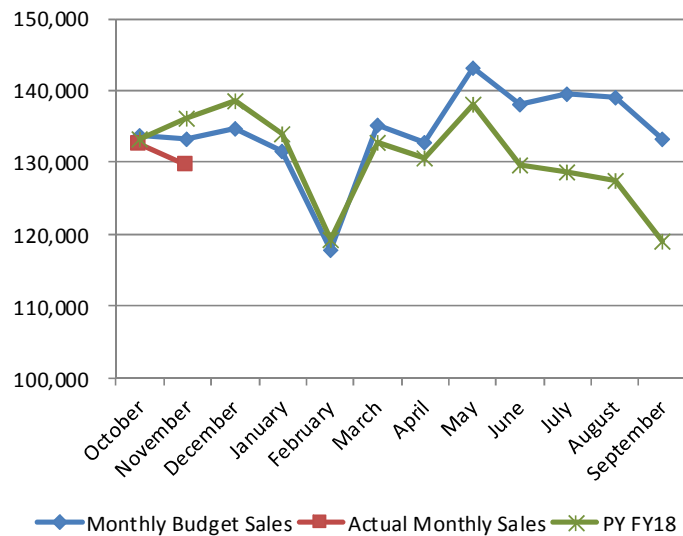
Base Rate Revenue \$000



Through November 30, 2018

	Monthly Budget Revenues \$000	Actual Monthly Revenues	Variance		PY FY18	CY vs PY Variance	
October	\$ 13,811	\$ 13,564	\$ (246)	↓	\$ 13,625	\$ (61)	↓
November	13,723	13,203	\$ (519)	↓	13,827	\$ (624)	↓
December	13,833				13,968		
January	13,321				13,534		
February	12,114				12,522		
March	13,790				13,776		
April	13,562				13,351		
May	14,630				14,011		
June	14,196				13,201		
July	14,152				13,446		
August	14,280				13,041		
September	13,590				12,707		
Total	\$ 165,002	\$ 26,768	\$ (766)		\$ 161,010	\$ (685)	

MWh Sales



Through November 30, 2018

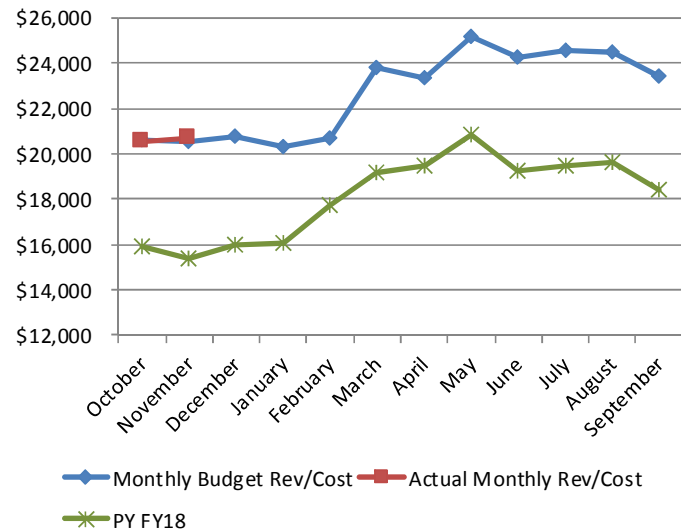
	Monthly Budget Sales gwh	Actual Monthly Sales	Variance		PY FY18	CY vs PY Variance	
October	133,797	132,489	(1,308)	↓	133,262	(773)	↓
November	133,346	129,537	(3,809)	↓	136,044	(6,506)	↓
December	134,715				138,587		
January	131,547				133,882		
February	117,775				119,241		
March	135,196				132,693		
April	132,763				130,565		
May	143,236				138,085		
June	138,016				129,728		
July	139,434				128,681		
August	139,030				127,348		
September	133,149				118,935		
Total	1,612,003	262,026	(5,117)		1,567,052	(7,280)	



November 2018 Monthly Financial Highlight (Continued)

2

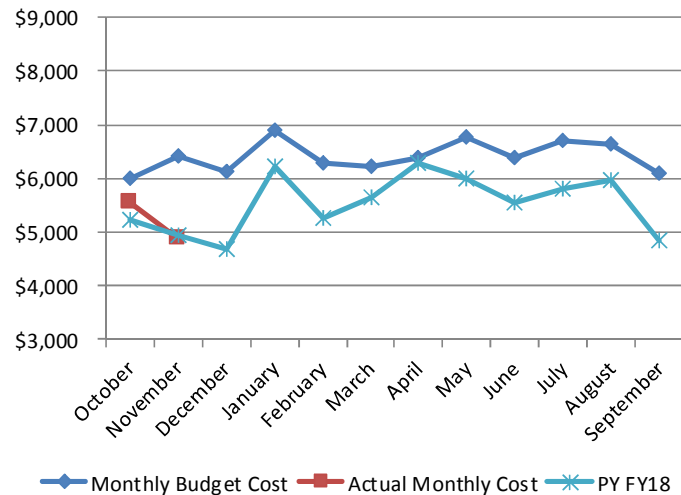
Fuel Revenue/ Cost \$000



Through November 30, 2018

	Monthly Budget Rev/Cost \$000	Actual Monthly Rev/Cost	Variance		PY FY18	CY vs PY Variance	
October	\$ 20,637	\$ 20,550	\$ (87)	↓	\$ 15,936	\$ 4,615	↑
November	20,568	20,711	\$ 143	↑	15,400	\$ 5,310	↑
December	20,779				16,007		
January	20,290				16,036		
February	20,718				17,763		
March	23,783				19,180		
April	23,354				19,441		
May	25,197				20,854		
June	24,279				19,252		
July	24,528				19,457		
August	24,457				19,608		
September	23,422				18,390		
Total	\$ 272,011	\$ 41,261	\$ 56		\$ 217,324	\$ 9,925	

O&M Cost \$000



Through November 30, 2018

	Monthly Budget Cost \$000	Actual Monthly Cost	Variance		PY FY18	CY vs PY Variance	
October	\$ 5,986	5,551	435	↑	5,239	(312)	↓
November	6,419	4,875	1,544	↑	4,941	66	↑
December	6,119				4,694		
January	6,882				6,204		
February	6,291				5,252		
March	6,231				5,638		
April	6,374				6,269		
May	6,753				6,005		
June	6,373				5,558		
July	6,710				5,797		
August	6,648				5,961		
September	6,079				4,836		
Total	\$ 76,866	\$ 10,427	\$ 1,979		\$ 66,394	\$ (246)	



November 2018 Monthly Financial Highlight (Continued)

3




Through November 30, 2018						
	4Q2017	1Q2018	2Q2018	3Q2018	4Q2018	1Q2019
Residential	43,991	43,898	44,065	44,074	43,887	43,876
Commercial	5,226	5,231	5,262	5,278	5,261	5,279
Government	1,073	1,076	1,086	1,092	1,077	1,032
Streetlights	823	908	1,005	1,091	1,152	1,152
Navy	1	1	1	1	1	1
Total	51,114	51,114	51,419	51,536	51,378	51,340

	2013	2014	2015	2016	2017	2018	YTD Nov. 2018
Debt service coverage (DSC) calculation-indenture							
Senior lien coverage	3.36	3.16	3.62	3.28	2.65	2.68	1.94
Aggregate debt service coverage	1.88	1.98	2.62	3.28	2.65	2.68	1.94
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	2.16	2.55	2.56	2.45	1.79	1.80	1.34
Aggregate debt service coverage	1.21	1.41	1.85	2.45	1.79	1.80	1.34

- Under recovery of LEAC - \$11.4 million

GPA Work Session - January 17, 2019 - DIVISION REPORTS

GUAM POWER AUTHORITY
GOVERNMENT ACCOUNTS RECEIVABLE
BILLING UP TO 12/31/2018 and Payment Applied as of 01/14/2019

 Current (12/18 Billing due 01/31/19)
 30 days Arrears (11/18 due 12/31/18)
 60 days and over Arrears (10/18 billing due 11/30/18)

CC&B ACCT NUMBER	CC&B New Acct Numer	DEPARTMENT	BALANCE 11/30/2018	CANCEL/REBILL/ SPEC CHARGE 1/14/2019	BILLING 12/31/2018	PAYMENT 01/14/2019	BALANCE 12/31/2018
Line Agencies							
0237100000	1073430238	Dept. of Corrections	\$ 166,316.80	\$ -	\$ 81,036.75	\$ (166,316.80)	\$ 81,036.75
0437100000	40515913	Dept. of Parks & Rec.	\$ 45,467.66	\$ 180.81	\$ 18,167.90	\$ (45,315.96)	\$ 18,500.41
0537100000	453170939	Guam Fire Department	\$ 16,887.69	\$ -	\$ 16,340.69	\$ (16,887.69)	\$ 16,340.69
6995000000	8564647941	DOA Supply Mgmt (NET METERED)	\$ 2,983.18	\$ -	\$ 1,531.52	\$ (2,983.18)	\$ 1,531.52
7895000000	4211873236	Dept. of Administration	\$ 9,567.19	\$ -	\$ 4,639.58	\$ (9,567.19)	\$ 4,639.58
1337100000	4554808900	Nieves Flores Library	\$ 10,290.03	\$ -	\$ 8,776.89	\$ (10,290.03)	\$ 8,776.89
2206200000	9541109130	General Services Agency	\$ 527.32	\$ -	\$ 264.93	\$ (527.32)	\$ 264.93
2237100000	1621790133	DOA-Data Processing	\$ 18,172.67	\$ -	\$ 8,598.22	\$ (18,172.67)	\$ 8,598.22
2337100000	1896187753	Dept. of PH&SS	\$ 63,170.66	\$ -	\$ 64,915.67	\$ (63,170.66)	\$ 64,915.67
3237100000	7252821074	Dept. of Education	\$ 2,396,458.36	\$ 13,782.55	\$ 1,480,177.57	\$ (491,061.69)	\$ 3,399,356.79
3337100000	266069082	Guam Police Department	\$ 52,193.20	\$ -	\$ 51,737.49	\$ (52,193.20)	\$ 51,737.49
3569100000	6069461950	Dept of Youth Affairs (Federal)	\$ 981.18	\$ -	\$ 886.08	\$ (981.18)	\$ 886.08
4437100000	2913461537	Dept. of Youth Affairs* (Local)	\$ 11,864.93	\$ -	\$ 11,635.48	\$ (11,864.93)	\$ 11,635.48
4737100000	3404311949	Guam Environmental Protect	\$ 6,777.79	\$ -	\$ 6,639.80	\$ (6,777.79)	\$ 6,639.80
5437100000	3227759982	Mental Health/Subst.	\$ 41,149.70	\$ 932.83	\$ 40,332.19	\$ -	\$ 82,414.72
7200300000	70861777	Veteran Affairs	\$ 816.99	\$ -	\$ 828.57	\$ (816.99)	\$ 828.57
7437100000	8300435373	Civil Defense (Military Affairs)	\$ 37,559.16	\$ 188.87	\$ 12,423.09	\$ (37,748.03)	\$ 12,423.09
7463300000	7813165805	Pacific Energy Resource Center	\$ 624.24	\$ -	\$ 662.94	\$ (624.24)	\$ 662.94
8137100000	1595188609	Dept. of Agriculture	\$ 10,191.93	\$ -	\$ 10,538.61	\$ (10,191.93)	\$ 10,538.61
8337100000	2535590089	DPW-FAC Adm Account	\$ 53,862.25	\$ -	\$ 24,954.73	\$ (53,862.25)	\$ 24,954.73
8437100000	7928924534	Guam Visitors Bureau	\$ 4,264.03	\$ -	\$ 4,409.82	\$ (4,264.03)	\$ 4,409.82
8446300000	7663706771	Yona Senior Citizen Center	\$ 743.08	\$ -	\$ 694.90	\$ (743.08)	\$ 694.90
9437100000	4129948191	Dept of Chamorro Affairs/Chamorro Village	\$ 4,070.56	\$ -	\$ 4,341.81	\$ (4,070.56)	\$ 4,341.81
5247210000	5247210000	Mayors Council	\$ 2,174.68	\$ -	\$ 2,225.59	\$ (2,174.68)	\$ 2,225.59
6293410000	6293410000	Office of the Governor	\$ 24,234.28	\$ -	\$ 24,191.84	\$ (24,234.28)	\$ 24,191.84
	1099514147	Dept of Chamorro Affairs (Guam Museum)	\$ -	\$ -	\$ 430.10	\$ -	\$ 430.10
8555858369	8555858369	Dept of Chamorro Affairs (Guam Museum)	\$ 21,940.86	\$ -	\$ 22,917.82	\$ (21,940.86)	\$ 22,917.82
		Sub Total	\$ 3,003,290.42	\$ 15,085.06	\$ 1,904,300.58	\$ (1,056,781.22)	\$ 3,865,894.84
MAYORS							
0637100000	3832327736	Santa Rita Mayor	\$ 3,442.83	\$ -	\$ 3,645.63	\$ (3,442.83)	\$ 3,645.63
0737100000	9351070242	Ordof/Chalan Pago Mayor	\$ 793.98	\$ -	\$ 897.69	\$ (793.98)	\$ 897.69
1537100000	6393530237	Hagatna Mayor	\$ 1,359.86	\$ -	\$ 1,562.66	\$ (1,359.86)	\$ 1,562.66
1637100000	3293808984	Piti Mayor	\$ 1,117.51	\$ -	\$ 1,209.90	\$ (1,117.51)	\$ 1,209.90
1737100000	8715052935	Mongmong/Toto/Maite Mayor	\$ 1,213.58	\$ -	\$ 1,338.59	\$ (1,213.58)	\$ 1,338.59
2637100000	492244686	Asan/Maina/Adelup Mayor	\$ 885.57	\$ -	\$ 798.74	\$ (885.57)	\$ 798.74
2737100000	8433959204	Sinajana Mayor	\$ 4,142.58	\$ -	\$ 4,287.37	\$ (4,142.58)	\$ 4,287.37
3637100000	8041715847	Dededo Mayor	\$ 6,841.79	\$ -	\$ 7,323.58	\$ (6,841.79)	\$ 7,323.58

GPA Work Session - January 17, 2019 - DIVISION REPORTS

CC&B ACCT NUMBER	CC&B New Acct Number	DEPARTMENT	BALANCE 11/30/2018	CANCEL/REBILL/ SPEC CHARGE 1/14/2019	BILLING 12/31/2018	PAYMENT 01/14/2019	BALANCE 12/31/2018
4637100000	7037924246	Yigo Mayor	\$ 3,954.01	\$ -	\$ 3,806.90	\$ (3,954.01)	\$ 3,806.90
5637100000	7202265287	Umatac Mayor	\$ 1,205.11	\$ 0.29	\$ 1,086.36	\$ (1,167.51)	\$ 1,124.25
6537100000	8472200165	Agana Hts. Mayor	\$ 5,202.32	\$ -	\$ 5,019.68	\$ (5,202.32)	\$ 5,019.68
6637100000	4469579998	Merizo Mayor	\$ 1,145.07	\$ -	\$ 1,012.05	\$ (1,145.07)	\$ 1,012.05
6737100000	5763167341	Barrigada Mayors Office	\$ 2,250.56	\$ -	\$ 2,344.36	\$ (2,250.56)	\$ 2,344.36
7537100000	7247791682	Agat Mayor	\$ 1,834.06	\$ -	\$ 3,851.85	\$ (1,834.06)	\$ 3,851.85
7637100000	6078244037	Inarajan Mayor	\$ 2,323.53	\$ -	\$ 2,451.00	\$ (2,323.53)	\$ 2,451.00
8537100000	6957205325	Tamuning Mayor	\$ 6,048.24	\$ -	\$ 6,311.06	\$ (6,048.24)	\$ 6,311.06
8637100000	1880297633	Talofofo Mayor	\$ 2,895.07	\$ -	\$ 2,846.86	\$ (2,895.07)	\$ 2,846.86
9537100000	3631627996	Mangilao Mayor	\$ 4,577.04	\$ -	\$ 4,519.88	\$ (4,577.04)	\$ 4,519.88
9637100000	1837525565	Yona Mayor	\$ 835.68	\$ -	\$ 1,067.52	\$ (835.68)	\$ 1,067.52
		Sub Total	\$ 52,068.39	\$ 0.29	\$ 55,381.68	\$ (52,030.79)	\$ 55,419.57
DPW ACCOUNTS							
4337100000	3045433600	DPW-Village St. Lights	\$ 736,123.63	\$ -	\$ 369,976.20	\$ (736,123.63)	\$ 369,976.20
5337100000	930959866	DPW- Primary St. Lights	\$ 173,608.71	\$ -	\$ 97,236.03	\$ (173,608.71)	\$ 97,236.03
6337100000	3088040552	DPW-Sec/Coll St. Lights	\$ 52,129.88	\$ -	\$ 26,199.70	\$ (52,129.88)	\$ 26,199.70
7337100000	832698062	DPW-Signal Lights	\$ 21,703.18	\$ -	\$ 10,759.50	\$ (21,703.18)	\$ 10,759.50
		Sub Total	\$ 983,565.40	\$ -	\$ 504,171.43	\$ (983,565.40)	\$ 504,171.43
(B) AUTONOMOUS/PUBLIC CORP							
1437100000	1540692986	Retirement Fund	\$ 11,214.61	\$ 39.95	\$ 5,717.60	\$ (16,972.16)	\$ -
1915500000	563872892	Guam Housing Corp Rental Division	\$ 5,563.44	\$ 19.72	\$ 2,305.78	\$ (5,583.16)	\$ 2,305.78
2437100000	5434075703	University of Guam	\$ 183,796.65	\$ -	\$ 183,883.08	\$ (183,333.26)	\$ 184,346.47
4237100000	7736362694	Guam Airport Authority	\$ 1,049,992.78	\$ (0.00)	\$ 537,455.10	\$ (1,049,992.78)	\$ 537,455.10
5357510000	5357510000	University of Guam (NET METERED)	\$ 78,725.14	\$ -	\$ 81,229.12	\$ (78,725.14)	\$ 81,229.12
6237100000	1699407298	G H U R A	\$ 28,463.89	\$ 382.52	\$ 24,988.40	\$ (37,515.98)	\$ 16,318.83
6437100000	6518220019	Guam Community College	\$ 51,221.42	\$ -	\$ 47,397.28	\$ (51,221.42)	\$ 47,397.28
7237100000	8302337726	Guam Memorial Hospital	\$ 37,467.13	\$ 281.00	\$ 38,744.73	\$ -	\$ 76,492.86
8426836906	8426836906	Guam Memorial Hospital (NET METERED)	\$ 148,861.93	\$ 1,116.46	\$ 150,278.12	\$ -	\$ 300,256.51
9137100000	4474308144	Port Authority of Guam	\$ 102,787.67	\$ -	\$ 100,138.16	\$ (102,787.67)	\$ 100,138.16
9157510000	9157510000	Guam Community College (NET METERED)	\$ 37,979.63	\$ -	\$ 35,729.01	\$ (37,979.63)	\$ 35,729.01
9173210000	9173210000	Guam Solid Waste Authority	\$ 6,602.57	\$ -	\$ 6,565.29	\$ (6,602.57)	\$ 6,565.29
9337100000	838495949	Guam Waterworks Authority	\$ 1,312,294.11	\$ (7,113.56)	\$ 876,246.55	\$ (1,305,179.24)	\$ 876,247.86
	9699497595	GPA Wake St Lights Accounts	\$ 218.15	\$ 3.29	\$ -	\$ -	\$ 221.44
8237100000	4075914809	GPA	\$ (0.00)	\$ (96,667.60)	\$ 96,667.60	\$ -	\$ -
		Sub Total	\$ 3,055,189.12	\$ (101,938.22)	\$ 2,187,345.82	\$ (2,875,893.01)	\$ 2,264,703.71

GPA Work Session - January 17, 2019 - DIVISION REPORTS

CC&B ACCT NUMBER	CC&B New Acct Numer	DEPARTMENT	BALANCE 11/30/2018	CANCEL/REBILL/ SPEC CHARGE 1/14/2019	BILLING 12/31/2018	PAYMENT 01/14/2019	BALANCE 12/31/2018
		(C) OTHERS					
0337100000	7541928173	Guam Legislature	\$ 233.48	\$ -	\$ 272.99	\$ (233.48)	\$ 272.99
9503154359	9503154359	Guam Legislature (NET METER)	\$ 6,915.74	\$ 51.87	\$ 7,518.40	\$ (6,915.74)	\$ 7,570.27
1237100000	8353274954	Superior Court of Guam	\$ 75,465.75	\$ -	\$ 70,399.02	\$ (75,465.75)	\$ 70,399.02
2537100000	8108458168	Guam Post Office (Agana)	\$ 6,559.18	\$ -	\$ 6,757.56	\$ (6,559.18)	\$ 6,757.56
2570200000	8972267005	Customs & Quarantine Agency	\$ 1,095.78	\$ -	\$ 911.57	\$ (1,095.78)	\$ 911.57
3537100000	4530787043	U.S. Post Office	\$ 44,717.41	\$ -	\$ 45,185.34	\$ (44,717.41)	\$ 45,185.34
5537100000	8607446612	Dept. of Military Affairs	\$ 74,137.51	\$ -	\$ 77,841.99	\$ (74,083.23)	\$ 77,896.27
3209463043	3209463043	Dept. of Military Affairs	\$ 16,188.14	\$ -	\$ 16,594.88	\$ (16,188.14)	\$ 16,594.88
5737100000	6000770566	KGTF	\$ 13,994.82	\$ -	\$ 7,162.29	\$ (13,994.82)	\$ 7,162.29
7281000000	6602566745	Tamuning Post Office	\$ 5,157.91	\$ -	\$ 5,203.33	\$ (5,157.91)	\$ 5,203.33
		Sub Total	\$ 244,465.72	\$ 51.87	\$ 237,847.37	\$ (244,411.44)	\$ 237,953.52

GRAND TOTAL \$ 7,338,579.05 \$ (86,801.00) \$ 4,889,046.88 \$ (5,212,681.86) \$ 6,928,143.07