Gmail by Google

BENJAMIN CRUZ <speaker@senatorbjcruz.com>

MC Fwd: GPA WS 3/22/18 / MEETING MATERIALS

1 message

BENJAMIN CRUZ <speaker@senatorbjcruz.com>
To: 34th Guam Legislature Clerks <clerks@guamlegislature.org>
Cc: Rennae Meno <rennae@guamlegislature.org>

Thu, Mar 22, 2018 at 3:10 PM

3/22/18	3/22/18	Consolidated Commission on Utilities	GPA Work Session March 22, 2018 /Materials.*	34-18-1672

---------- Forwarded message ----------
From: **Bernadette Lou Sablan** <l.sablan@gpagwa.com>
Date: Thu, Mar 22, 2018 at 2:45 PM
Subject: GPA WS 3/22/18 / MEETING MATERIALS
To: "Andy Niven (ndynvn@yahoo.com)" <ndynvn@yahoo.com>, Angelica Perez <aperez@amibrokers.com>, Ann Borja - GWA <annborja@guamwaterworks.org>, "Annmarie Muna (amuna@ambrokers.com)" <amuna@ambrokers.com>, Artemio S Perez <aperez@gpagwa.com>, BENJAMIN CRUZ <speaker@senatorbjcruz.com>, "Cameron Mulka (cimiculka@guampdn.com)" <cimiculka@guampdn.com>, "Charlene Calvo (charlene.calvo@ipehq.com)" <charlene.calvo@ipehq.com>, Chilang F Unpingco <cfejeran@gpagwa.com>, "Fred Horecky (horeckylaw@teleguam.net)" <horeckylaw@teleguam.net>, "Gaynor Delano (gdumat-ol@guam.gannett.com)" <gdumat-ol@guam.gannett.com>, Gilda Mafnas <gildam@guamwaterworks.org>, Governor's Office <joy.unpingco@guam.gov>, "Greg P. Cruz" <gpcruz@guamwaterworks.org>, Heidi Ballendorf <heidi@guamwaterworks.org>, "Jams Y Kim (pacguam@gmail.com)" <pacguam@gmail.com>, "Jeff Johnson (jeffcharjohnson@hotmail.com)" <jeffcharjohnson@hotmail.com>, Jennifer G Sablan <jsablan@gpagwa.com>, "Jessica Peterson (webmaster@theguamguide.com)" <webmaster@theguamguide.com>, "Jessy Gogue (ocp.mayor@gmail.com)" <ocp.mayor@gmail.com>, "Joe John Mantanona (joejohnmantanona@gmail.com)" <joejohnmantanona@gmail.com>, "John O'Connor (john@postguam.com)" <john@postguam.com>, "John Reigel (jriegel@brwncald.com)" <jriegel@brwncald.com>, Joyce N Sayama <jsayama@gpagwa.com>, Karla Tydingco <ktydingco@guamwaterworks.org>, "Louella Losinio (louella@postguam.com)" <louella@postguam.com>, Manny Apuron <mapuron@guamwaterworks.org>, "Maripaz N. Perez" <mnperez@gpagwa.com>, "Michael White (whitema@cdmsmith.com)" <whitema@cdmsmith.com>, "Nestor Licanto (nestor@kuam.com)" <nestor@kuam.com>, "Patricia L. Diego" <pldiego@gpagwa.com>, "PDN Newsroom (news@guampdn.com)" <news@guampdn.com>, "Peter Montinola (peter@isuguam.com)" <peter@isuguam.com>, Selma HG Blas <sblas@gpagwa.com>, "Telena Nelson (senatortcnelson@gmail.com)" <senatortcnelson@gmail.com>, "Therese Terlaje (senatorterlajeguam@gmail.com)" <senatorterlajeguam@gmail.com>

Hi everyone,

Attached is pdf file for meeting materials for tonight's GPA work session.

GL# 34-18-1672
Speaker Benjamin J.F. Cruz

MAR 2 2 2018
Time: 3:10 [ ] AM [ ] PM File No. ____
Received By:

Best,

Lou

B. Lou Sablan

Board Secretary

Consolidated Commission on Utilities

Admin Asst., Legal Counsel, GPA

GLORIA B. NELSON PUBLIC SERVICE BLDG.

3RD Floor, Executive Division

688 Route 15, Mangilao, GU 96913

P.O. Box 2977, Hagatna, GU 96932

Tel: (671) 648-3002

Fax: (671) 648-3290

Email: l.sablan@gpagwa.com

Website: http://guamccu.org/

http://guampowerauthority.com/home.html

http://guamwaterworks.org/

2018 MAR 22 PM 3:46

--

OFFICE OF SPEAKER BENJAMIN J.F. CRUZ

Committee on Appropriations and Adjudication

I Mina'trentai Kuattro na Liheslaturan Guåhan

Guam Congress Building | 163 Chalan Santo Papa | Hagatna, GU 96910

T: **(671) 477-2520**/1 | F: **(671) 477-2522** | **www.senatorbjcruz.com**

1672

GWAWS 3.22.18_2.pdf
3498K

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., March 22, 2018

AGENDA

1. **ISSUES FOR DECISION**
   - 1.1 Relative to Procuring Property Insurance / Resolution 2018-06
   - 1.2 Piti 8&9 Contract / Resolution 2018-07
2. **GM REPORT**
   - 2.1 Updates
3. **ISSUES FOR DISCUSSION**
4. **DIVISION REPORTS**
   - 4.1 Administration: Customer Service, HR, Procurement
   - 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 – March 27
6. **ADJOURNMENT**

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

Issues for Decision

Resolution No. 2018-06:

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

The Consolidated Commission on Utilities has determined that is a prudent and reasonable business practices to maintain insurance coverage on GPA's assets to the extent practical. The Guam Power Authority's bond indenture agreement requires GPA to "secure and maintain property insurance on all facilities constituting the System against risks of loss or damage…to the extent that such insurance is obtainable at reasonable cost." The indenture further requires GPA to carry insurance "of a scope and nature as that usually carried in the industry."

The contract review protocol established by the Public Utilities Commission requires that all contracts in excess of $1.5 million be authorized by the PUC in advance of the procurement.

How does it cost?

GPA's current property insurance costs exceed $6.4 million and this procurement will exceed the PUC contract review threshold.

When will this start?

GPA's property insurance policy including boiler and machinery coverage is expiring on November 1, 2018 and a re-bidding of the policies is required under Guam procurement regulations.

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

RESOLUTION NO. 2018-06

RELATIVE TO PETITION THE PUBLIC UTILITIES COMMISSION FOR AUTHORIZATION TO BEGIN PROCUREMENT FOR PROPERTY INSURANCE

WHEREAS, the Consolidated Commission on Utilities has determined that is a prudent and reasonable business practices to maintain insurance coverage on GPA's assets to the extent practical; and

WHEREAS, the Guam Power Authority's bond indenture agreement requires GPA to "secure and maintain property insurance on all facilities constituting the System against risks of loss or damage…to the extent that such insurance is obtainable at reasonable cost"; and

WHEREAS, the indenture further requires GPA to carry insurance "of a scope and nature as that usually carried in the industry"; and

WHEREAS, GPA's property insurance policy including boiler and machinery coverage is expiring on November 1, 2018 and a re-bidding of the policies is required under Guam procurement regulations; and

WHEREAS, the contract review protocol established by the Public Utilities Commission requires that all contracts in excess of $1.5 million be authorized by the PUC in advance of the procurement;

WHEREAS, GPA's current property insurance costs exceed $6.4 million and this procurement will exceed the PUC contract review threshold; and

WHEREAS, GPA desires to issue its insurance bid as soon as possible in order to allow sufficient time for insurance vendors to prepare their bids; and

WHEREAS, GPA has submitted its draft invitation for bids to the Consolidated Commission on Utilities for review and authorization to forward to the PUC; and

NOW THEREFORE, BE IT RESOLVED BY THE CONSOLIDATED COMMISSION ON UTILITIES, AS THE GOVERNING BODY OF THE GUAM POWER AUTHORITY, AS FOLLOWS:

1. After careful review and scrutiny of the GPA draft Invitation for Bids for property insurance coverage to include boiler and machinery coverage, the Consolidated Commission on Utilities has determined that property insurance costs are a prudent expense and the GPA General Manager is authorized to submit the bid document to the Public Utilities Commission for their approval in accordance with the contract review protocol.

2. Final approval from the Consolidated Commission on Utilities is required before a property insurance contract is executed.

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

DULY AND REGULARLY ADOPTED AND APPROVED THIS 27TH DAY OF MARCH, 2018.

Certified by:

_____

JOSEPH T. DUENAS
Chairperson
Consolidated Commission on Utilities

Attested by:

_____

J. GEORGE BAMBA
Secretary
Consolidated Commission on Utilities

SECRETARY'S CERTIFICATE

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

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

AYES: _____

NAYS: _____

ABSTENTIONS: _____

ABSENT: _____

BASIC INVITATION FOR BID	2
RECAP OF PROPOSAL PREMIUM PAGE	3
SECTION I: INTRODUCTION	4
SECTION II: INSTRUCTIONS AND PROCEDURES FOR BIDDERS	7
SECTION III: INSURANCE COVERAGE SPECIFICATIONS	10
SECTION IV: CONTRACT TERMS	12
SECTION V: EVALUATION OF BIDS	12
INSURANCE SPECIFICATIONS	14
CURRENT INSURANCE COVERAGE	Appendix A
INSURANCE RATING DATA	Appendix B
GPA LOSS HISTRORY	Appendix C

GUAM POWER AUTHORITY

ATURIDAT ILEKTRESEDAT GUAHAN

P.O. BOX 2977 HAGATNA, GUAM U.S.A. 96932-2977

PROPERTY INSURANCE BID

Ladies and Gentlemen:

The Guam Power Authority ("GPA") invites qualified insurance, reinsurance intermediaries and underwriters to submit their credentials for the placement and servicing of the GPA's property insurance program for the term November 1, 2018 to November 1, 2021. The current contract term of the incumbent insurance, reinsurance intermediaries and underwriters will expire on October 31, 2018. This tender is open to qualified incumbent and non-incumbent insurance and reinsurance entities.

Insurance services will be for a three-year term with two one-year option and insurance policies may be written for a three-year term with annual renewals or the standard one-year policy with annual renewals.

GPA is looking for Property, Boiler & Machinery, Catastrophe, Terrorism, Business Interruption and Cyber liability coverage.

The deadline to submit proposals is **2:30 p.m. August 1, 2018** to give GPA enough time for discussion and negotiations to meet GPA target selection deadline of August 20, 2018. GPA is undertaking this procurement through the multi-step bidding process.

Please convey your questions and inquiries in writing to GPA no later than **June 15, 2018** so that you may have proper responses in time for the **2:30 p.m. August 1, 2018** submittal deadline.

Please submit your bid according to the detailed instructions and requirements herein; types of insurance underwriting information as set forth in the Appendices thereto.

Thank you for your interest.

Sincerely,

John Benavente
General Manager

DUE: **August 1, 2018 (2:30 p.m.)**

2

*** PRICE PROPOSAL MUST BE SUBMITTED IN A SEPARATE SEALED ENVELOPE MARKED "PRICE PROPOSAL."

TO: GENERAL MANAGER, GUAM POWER AUTHORITY

RE: PROPOSAL PREMIUMS AND COVERAGE

This transmittal sheet serves only as index of proposals more fully described in the attached documents. Please complete with your bid price.

	Annual Premiums		
Coverages	**Original Proposal**	**Optional Coverage**	**Optional Proposal**
Property (Sum insured $300 Million)	$_____	_____	$_____
Business Interruption	$_____	_____	$_____
Cyber Liability	$_____	_____	$_____
Gloria B. Nelson Public Service Building			
Building & Structure	$_____	_____	$_____
Optional:			
Property:			
Sum Insured $400 Million	$_____	_____	$_____
Sum Insured $500 Million	$_____	_____	$_____
Terrorism	$_____	_____	$_____
Above Ground Transmission &			
Distribution	$_____	_____	$_____

Bidder:

Signed By: _____
(Print Name/Title)

_____ Date:_____
Authorized Signatory of Bidder

Telephone No.: _____ E-mail:_____

OVERVIEW: THE GUAM POWER AUTHORITY

The Guam Power Authority (The Authority) was created in 1968 as a public corporation and autonomous instrumentality of the Government of Guam. Since that time the Authority has maintained and expanded the island wide power system on Guam. The Authority now has 469 megawatts of generation capacity, 663 miles of transmission and distribution lines, 29 substations, $1.1 billion in assets, and $333 million in annual revenues. GPA currently serves approximately 51,000 customers with the U.S. Navy being the largest representing about 17% of revenues.

The Guam Power Authority was changed into a public corporation of the Government of Guam in 2002 and is governed by a five-member publicly elected Commission – the Consolidated Commission on Utilities (CCU). The CCU retains contracting authority, establishes policies and has control over the selection of top management of the Authority.

The Authority is regulated by the Guam Public Utilities Commission – a rate setting body made up of Commissioners appointed by the Governor of Guam. The PUC has established rules of operation that are similar to those of other jurisdictions within the United States. The PUC has broad regulatory authority over GPA including approval of any contracts that might have an impact on GPA's rates.

SECTION I: INTRODUCTION:

The Guam Power Authority (GPA), hereinafter referred to as GPA, invites qualified insurance, reinsurance intermediaries, carriers and underwriters, hereinafter referred to as Bidder(s), to participate in a Multi-Step Bid (MSB) for Property Insurance Coverage. Minimum Property Insurance coverage specifications are described later in this MSB.

The bidder shall be responsible, at a minimum, for the following services:

- Respond to e-mails and voice mails within 24 hours.
- Provide certificates of insurance within 3 business days.
- Provide notice of claims to underwriters (carriers) and facilitate claims communication in coordination with GPA and underwriters (carriers).
- All other services deemed necessary by GPA.

GPA is hereby inviting bids for Property insurance contracts (policies) on a long-term basis (e.g., three years) with a term to commence November 1, 2018 to November 1, 2021. GPA understands that most insurance policies have 12-month terms, so GPA is not requiring three-year policies. GPA fully expects to stay with the selected insurance program for at least three years renewing on an annual basis.

The Technical and Price Proposals are due on or before the Cut-off Date of Receipt of Proposals which is **2:30 p.m., August 1, 2018.**

The bid evaluation shall be a two-step process. Step one will involve a Technical Proposal that consists of bidder qualifications and insurance coverage offered. This will allow GPA to establish a Qualified Bidders List (QBL). Step two will involve the evaluation of the Price Proposal (Priced Offers) from the Bidders identified on the QBL.

STEP ONE: TECHNICAL OR QUALITATIVE PROPOSALS

Interested bidders at minimum should provide the following information:

Bidder's Firm information including:

- Years in business
- Total property and total liability insurance premiums placed annually
- Ownership legal structure and ownership details
- Office location that would serve GPA
- Claims, loss control/engineering and other core services performed
- List of Power Generation accounts serviced by the account team
- Key personnel who would be placing and servicing the GPA's program
- Biography, certificates, designations, and licenses of account team and key personnel
- Other information that the respective firm believes GPA should consider
- Any key alignments with other insurance entity or intermediary (retail, wholesale, reinsurance, Lloyds, etc.)
- Bidder's experience with electric utilities or Energy Companies, especially those with hurricane or earthquake exposure and boiler & machinery exposure.
- Copies of currently active Licenses of all intermediaries
- Primary (Fronting) Carriers' or underwriters' Certificate of Authority to Transact business on Guam
- Most recent AM Best rating for Primary (Fronting) Carrier

Insurance coverage terms including but not limited to:

- Full policy forms and applicable endorsements
- If multi-year agreements, endorsements, continuity credits, or similar pricing mechanisms are used to offer reduced pricing; a detailed explanation of situations that may lead to any applicable penalties or increases of premium during the policy term must be attached.
- Explanation of any and all exceptions to the minimum coverage specifications
- Explanation of any and all enhancements exceeding minimum specifications
- Explanation of any and all coverage deficiencies not meeting minimum coverage specifications
- Specifically noting which requested coverage enhancements have been achieved, which cannot be achieved and, if applicable, detail any additional enhancements that were obtained.
- Fronting carrier or Primary insurers must be rated A- or better by AM Best with minimum financial size of VII or greater.
- Identification of Lead markets utilized to achieve the 20% commitment or market support.
- This insurance shall be governed by and construed in accordance with the laws of The Territory of Guam and the exclusive jurisdiction of the Territory of Guam courts. Should the policy require an arbitration clause then the seat of arbitration shall be Guam.
- Premium pricing should not be included in the Technical and Qualitative proposal, and should be separately packaged and submitted with the "Price Proposal".

STEP TWO: PRICE PROPOSALS

- All Premiums and optional coverage pricing must be submitted on the format outlined in this MSB. and must be submitted in a separate sealed envelope marked "Price Proposal"
- Price Proposal format as outlined in this bid must be used, and Price Proposal must be signed by person authorized to bind contracts on behalf of bidder.

- If multi-year agreements, endorsements, continuity credits, or similar pricing mechanisms is used to offer reduced pricing; a detailed explanation of situations that may lead to any applicable penalties or increases of premium during the policy term must be attached.

Price proposals from unqualified Bidders shall be returned, unopened, after the Technical Proposal evaluation. GPA will perform a comprehensive evaluation of each price proposal submitted from the QBL and select the BIDDER with the best proposal. If the selected bidder cannot bind the terms as proposed within GPA's timeframe, at any time and its sole discretion GPA reserves the right to:

- Go to the next BIDDER or
- Cancel the bid

Table 1: Bid Milestones indicate the projected start and end dates for milestones in the Bid Process. GPA reserves the right to change the Bid Milestones at any time and at its sole discretion. All changes to the Bid Milestones shall be communicated to all bidders via an Amendment or Official Correspondence from GPA. It is the sole responsibility of the bidder to promptly register for the MSB at GPA and provide accurate correspondence addresses and email addresses and to check promptly for any updates to the bid or the Bid Milestones.

Table 1: Bid Milestones

Bid Process Milestones		**From Date**	**To Date**
Announcement:	Bid Announcement	5/08/2018	6/08/2018
	Bid Documents Available	5/08/2018	6/08/2018
Optional Facility Tour/Walkthrough for Safety and Engineering personnel. Details in MSB		**5/22/2018 and 5/23/2018 @9:00 A.M. both days**	
Submit Questions		5/10/2018	6/15/2018
Cut Off Date for Receipt of Questions		**6/15/2018, 4:00 P.M.**	
GPA Review and Answer Questions		5/10/2018	7/01/2018
Cut Off Date for Receipt of Proposals (BOTH Technical and Price Proposals)		**8/01/2018 2:30 P.M.**	
EVALUATION Step One:	Technical Proposal (Bid) Evaluation	8/02/2018	8/06/2018
	Determine & Notify Qualified Bidders	8/06/2018	8/07/2018
EVALUATION Step Two:	Opening of Price Proposals	**8/21/2018**	
	Evaluation of Price Proposal	8/21/2018	8/24/2018
	Evaluation Approval	8/27/2018	8/30/2018
	Notification of Qualified Bidder	8/30/2018	9/01/2018
Contract Finalization		TBD	TBD
Contract Approval & Award		TBD	TBD
Contract Signing		TBD	

Contract Mobilization	TBD	TBD
Insurance Policy Inception Date	**11/01/2018**	

SECTION II: INSTRUCTIONS AND PROCEDURES FOR BIDDERS:

1. INTRODUCTION

This is a multi-step bid procurement. The Technical and Price Proposals should both be submitted on or before the Cut-off Date of Receipt of Proposals, **2:30 p.m., August 1, 2018**. In Step One, only the submitted Technical Proposals will be evaluated. Bidders whose qualifications and technical proposal have been satisfied will be qualified for Step Two. In Step Two, the Bidder with the best proposal will be considered for award.

2. TIME AND SCHEDULE

The deadline for the submission of bids is **August 1, 2018 at 2:30 p.m.** One (1) Original and five (5) copies of all responsive materials must be received by GPA (not postmarked) no later than that date and hour. It is advisable to hand deliver or use courier services to expedite delivery of your bid, as Guam is served by several such courier services. It is bidder's responsibility to ensure the bid is received as required above. Late bids will not be considered.

3. PREPARATION AND SUBMISSION OF PROPOSALS

Envelopes containing proposals shall be sealed and marked on the face with the name and address of the Bidder, the Proposal Number and the time and date of submission. Prices should be in a separately sealed envelope. Telegraphic proposals with not be considered, nor will modifications by telegraph of proposals already submitted be considered. Proposals shall be delivered and received at the place of opening on or before the opening date and time. Proposals received through the mail will not be accepted if such mail is received at the address showing after the submission date and time. Proposals will not be opened publicly.

All submittals must strictly conform to the Multi Step Bid rules and any addenda.

One (1) Original and five (5) copies of each proposal must be submitted including all addenda, if any. Any and all documentation (proposed insurance policy forms and endorsements) will assist towards Bidder's evaluation and must be furnished with each proposal.

The proposal must be submitted before **August 1, 2018 at 2:30 p.m.** in a sealed envelope indicating the MSB number and addressed as follows:

TO: Guam Power Authority
GPWA Procurement Office
Gloria B. Nelson Public Service Building
688 Route 15
1st Floor, Room 101
Fadian, Guam 96913

Attn: Jamie L.C. Pangelinan
Supply Management Administration

Examination of MSB Document: Bidder shall examine the MSB Documents to inform themselves of all conditions and requirements for the execution of the proposed work. Ignorance on the part of Bidder of any part of the MSB will in no way relieve him/her of the obligation and responsibly assumed under the Contract.

Familiarity with Laws: Bidder is assumed to be familiar with Federal and Local laws, ordinances, rules and regulations that in any manner affect the work. Ignorance on the part of Bidder of any part of the MSB will in no way relieve him/her of the obligation and responsibly assumed under the Contract.

3. EXPLANATION TO BIDDERS

No oral explanation regarding the meaning of the specifications will be made and no oral instructions will be given before the award of the proposal. Discrepancies, omissions, or doubts as to the meaning of the specifications must be communicated in writing to the named procurement contact individual of the Guam Power Authority for interpretation. Bidder should act promptly and allow sufficient time for a reply to reach them before the submission of their proposals. Interpretation, if required, shall be made in the form of an amendment to the specifications, which will be forwarded to all prospective Bidders, and its receipt by the Bidder should be acknowledged on the proposal form. All questions, questions, queries should be received by GPA no later than the **cutoff date for the receipt of questions 6/15/2018 at 4:00 p.m**. Submit written queries, questions, and requests for clarification to:

TO: Guam Power Authority
GPWA Procurement Office
Gloria B. Nelson Public Service Building
688 Route 15
1st Floor, Room 101
Fadian, Guam 96913

Attn: Jamie L.C. Pangelinan
Supply Management Administration
Email: jcpangelinan@gpagwa.com

4. CLARIFICATION ON MULTI STEP BID

Each Bidder must carefully examine the MSB and all addenda. If any Bidder (a) finds any discrepancies, omission or ambiguities in the MSB documents, (b) is uncertain as to the intent or meaning of any provision of the MSB, or (c) has any question regarding the MSB, the Bidder must promptly notify GPA in writing no later than **Friday 6/15/2018 at 4:00 p.m.** at the address specified for submission of proposal. Replies to such notices may be made in the form of addenda, which will be issued simultaneously to all prospective Bidders.

5. FORM

All bids must be in writing and submitted in a sealed envelope and must be signed by an officer of the bidder having authority to bind the bidder's insurance contracts as proposed. The bids should respond in an organized fashion to all requirements of this Invitation for Bid.

6. MODIFICATION OR WITHDRAWAL OF BIDS

Bids may be modified or withdrawn prior to submittal date. Any bid withdrawal, or modification received at GPA after the due date is late and, as such, renders the underlying bid in compliance only as to that which is on hand at the submittal date and hour.

7. RECORDING BIDS.

Bids and modifications shall be submitted to GPA officials on or before **August 1, 2018 at 2:30 p.m**. in a sealed envelope indicating the MSB number and addressed as follows:

To: Guam Power Authority
GPWA Procurement Office
Gloria B. Nelson Public Service Building
688 Route 15,
1st floor, Room 101
Fadian, Guam 96913

Attn: Jamie L.C. Pangelinan
Supply Management Administration

Bidders shall be responsible for ensuring the written bid (and all required documents) is received by the due date and hour. Any bid received after the due date and hour is late and will not be considered by GPA. After the due date and hour, a Register of Bids shall be prepared which shall include for all initial bids the name of each bidder, the number of modifications received, if any, and an indication of the coverage proposed, i.e. coverage of all risks of loss (a) as requested by GPA, (b) less than GPA request, and/or (c) alternate coverage as requested.

8. CONFIDENTIAL DATA

Bidders should designate trade secrets or other proprietary data to be confidential. The Guam procurement laws and regulations shall govern confidentiality.

9. AWARD

Determination of the winning bidder shall be made on or about August 31 - September 1, 2018. GPA intends to have all discussions and negotiations completed no later than August 31, 2018, after which date the Bid Evaluation Committee and the General Manager shall prepare their final report and recommendations. Appropriate notification of award shall be issued promptly after the CCU and PUC approval.

10. CANCELLATION OF INVITATION; DELAYS

GPA reserves the right to cancel or to withdraw this MSB, to delay determination on this MSB, or to reject all bids, in whole or in part, at any time prior to final award. The reasons for the cancellation, delay or rejection shall be made a part of the procurement file and shall be available for public inspection.

11. INSPECTION OF GPA PROPERTIES

Prospective bidders may inspect GPA properties on **May 22 -23, 2018**. These dates will be the only times available for on-site inspections. Please note that proposals are due on or before **August 1, 2018 at 2:30 p.m.** so plan accordingly if you plan to attend these inspections. GPA will provide a representative to conduct the inspections and answer questions on-site. Please advise the Supply Management Administrator, Ms. Jamie Pangelinan, if you plan to inspect the properties. Each person that plans to inspect GPA properties must be cleared by Homeland Security through GPA. Therefore, each person must submit a copy of their Passport to GPA a minimum of 5 business days prior to the inspection date to get security clearance to be allowed on GPA property.

12. SUMMARY OF SERVICES

All bidders should include a summary of how they envision servicing GPA account. Policy servicing should be identified specifically with a list and delivery timeline of services offered. Bidders should also identify the "Account Executive" that will be assigned to GPA and their support team along with frequency of visits, etc.

13. CCU and PUC APPROVAL

Contracts will be subject to the written approval of the Consolidated Commission on Utilities and the Public Utilities Commission on Guam.

14. REPRESENTATION REGARDING GRATUITIES AND KICKBACKS.

The bidder or contractor represents that it has not violated, is not violating, and promises that it will not violate the prohibition against gratuities and kickbacks set forth in Section 11-206 (Gratuities and Kickbacks) of the Guam Procurement Regulations.

15. REPRESENTATION REGARDING CONTINGENT FEES.

Contractor represents that it has not retained a person to solicit or secure a territorial contract upon an agreement or understanding for a commission, percentage, brokerage, or contingent fee, except for retention of bona fide employees or bona fide established commercial selling agencies for the purpose of securing business.

16. BID BOND

Along with the Bid Proposals on or before August 1, 2018 at 2:30 p.m., all bidders shall submit to GPA a bid bond in the amount of TEN THOUSAND U.S. DOLLARS (U.S. $10,000) made payable to the Guam Power Authority. In lieu of a bid bond, bidders may submit US currency valued at TEN THOUSAND U.S. DOLLARS (USD 10,000) in the form of cash in USD, bank draft, certified check, or by wire transfer to Guam Power Authority, Routing/Transit #121405115, Account No. 0601-026246, Bank of Guam, Hagatna, Guam. Bidders with unselected bids will have bid bonds returned with written notices of rejection. Bid bonds submitted in cash or certified check will be returned by wire transfer. Bidders shall advise GPA of bank, location and account number to facilitate delivery. In the absence of a telegraphic address, bid bonds will be returned by mail in check form payable to bidder. The bidder with the acceptable bid will have bid bond returned within ten business days of delivery of Insurance Binders for selected insurance policies by GPA. For the purposes of this solicitation, the bid bond is being required as an indication of "good faith" by the bidder and is in the best interest of GPA in accordance with the procurement laws, rules and regulations of the Government of Guam and GPA.

SECTION III: INSURANCE COVERAGE SPECIFICATIONS

1. INSURANCE COVERAGE

GPA seeks coverage for "all risks of loss" basis coverage to include but not limited to the following lines of business:

a. Property
b. Boiler and Machinery breakdown

c. Catastrophe Coverage including earthquake, flood, wind, and tsunami
d. Business Income/Extra Expense
e. Terrorism, both certified and non-certified acts; quoted on an optional basis
f. Cyber liability

The property, boiler & machinery, catastrophe, business income/extra expense, and terrorism is placed under one cover. GPA is seeking comparable or superior coverage to include all of the above coverage. Terrorism shall be quoted on an optional basis.

Acceptability of any and all proposals will be evaluated as to their overall economic value.

Primary Insurance Carriers or Fronting Carriers must have at least an A.M. Best Rating of A-, VII or greater to be considered.

Reinsurance companies or underwriters must be of demonstrated size and capacity to underwrite a Property program of the size of GPA.

2. BID FORMAT

Bidders are free to submit their bids in a convenient format, however, at a minimum; the bids should provide:

Bidder's Firm information including:

- Years in business
- Total property and total liability insurance premiums placed annually
- Ownership legal structure and ownership details
- Office location that would serve GPA
- Claims, loss control/engineering and other core services performed
- List of Power Generation accounts serviced by the account team
- Key personnel who would be placing and servicing the GPA's program
- Biography, certificates, designations, and licenses of account team and key personnel
- Other information that the respective firm believes GPA should consider
- Any key alignments with other insurance entity or intermediary (retail, wholesale, reinsurance, Lloyds, etc.)
- Bidder's experience with electric utilities or Energy Company, especially those with hurricane or earthquake exposure and boiler & machinery exposure.
- Copies of currently active Licenses of all intermediaries
- Primary (Fronting) Carriers' or underwriters' Certificate of Authority to Transact business on Guam
- Primary (Fronting) Carriers' or underwriters' Most recent AM Best rating

Insurance coverage terms including but not limited to:

- Explanation of any exceptions to the minimum coverage specifications
- Explanation of any coverage enhancements exceeding minimum specifications
- Explanation of any coverage deficiencies not meeting minimum coverage specifications
- Specifically noting which requested coverage enhancements have been achieved, which cannot be achieved and, if applicable, detail any additional enhancements that were obtained.
- Identification of Lead markets utilized to achieve the 20% commitment or market support. Lead markets and/or carriers must be rated A- or better by AM Best with minimum financial size of VII or greater.

- This insurance shall be governed by and construed in accordance with the laws of The Territory of Guam and the exclusive jurisdiction of the Territory of Guam courts. Should the policy require an arbitration clause then the seat of arbitration shall be Guam.
- Proposed policy forms and applicable endorsements in their entirety must be attached to proposals.
- Firm quotes or written confirmation of at least 20% support from insurers, underwriters, or reinsurers.

In order to show bidder's reliability and responsibility, bidder should substantiate its insurer financial capacity and industry reputation to honor and service the size and type of insurance proposed. Bidder should identify its service team, lead market, underwriters, and or insurers represented in as much detail as practical. All proposals must have, at a minimum, 20% of total lines substantiated by firm quotes from proposing underwriters, insurers, or reinsurers. Bidder should include proof of firm quotes either by signed/stamped slips or letters from underwriters, insurers, or reinsurers.

If bidder fails to supply information requested by GPA concerning the bidder's insurer's financial capacity and rating, which GPA may request any time prior to award, GPA shall base determination of responsibility on any available information, or GPA may find bidder non-responsive.

- RATING DATA

Information about GPA and its experience in peril exposure and risk retention and/or transfer is contained in the Rating Data attachment. Prospective bidders requiring additional rating data should address their inquiry to the Procurement Officer identified in this bid. Replies with significant data will be furnished to all persons who, on record, have registered for this multi-step bid (MSB) and have agreed in writing by signing the Non-Disclosure Agreement.

SECTION IV: CONTRACT TERMS

GPA is hereby inviting bids for insurance contracts (policies) on a multi-year or long-term basis (e.g., three years) with term to commence November 1, 2018 to November 1, 2021. GPA understands that most insurance policies have 12-month terms, so GPA is not requiring three-year policies. GPA fully expects to stay with selected insurance program for at least three years renewing on an annual basis.

Insurance policies proposed are acceptable for 12-month terms or 36-month terms billed annually.

Bidders will need to furnish the proposed contract which shall include at a minimum the following:

- Detailed description of the coverage terms proposed including but not limited to:
  - Any exceptions to the minimum coverage specifications outlined in this MSB
  - Specifically noting which requested coverage enhancements have been achieved, which cannot be achieved and, if applicable, detail any additional enhancements that were obtained.
- Premiums for proposed coverage comparable to the expiring coverage as set out in Appendix A, and, any incremental premiums resulting from coverage enhancements. Also, detail any premium increases or decreases for optional limits and deductibles requested in the coverage specifications.
- Lead markets that are utilized to achieve the 20% commitment. Fronting carriers or Primary insurers must be rated A-, VII or better by AM Best.

SECTION V: EVALUATION OF BIDS

In evaluating bids, GPA will consider which proposal offers the most robust and comprehensive insurance coverage available in the market by reputable and highly rated underwriters and carriers with the financial capacity to honor insurance terms for a program the size and quality as the Guam Power Authority with its assets of $1.1 Billion. GPA

reserves the sole right to determine the acceptability and ranking of bids in any respect to meet GPA's needs. In the evaluation process, the following factors will be considered:

CRITERIA	POINTS
• Ability to service GPA/past and current performance of similar contracts	5
• Utility, Municipality, and other large program insurance experience	5
• Intermediary, Underwriter, Insurance Carrier personnel and qualifications	10
• Industry reputation, Client References	10
• Financial capacity and current AM Best rating of carriers and re-insurers	20
• Breadth of Policy coverage and extent of restrictions or exclusions	40
• Additional coverages	10
TOTAL POINTS	100

GUAM POWER AUTHORITY
PROPERTY INSURANCE SPECIFICATIONS
MINIMUM COVERAGE REQUIREMENTS

POLICY INFORMATION:

Named Insured:

Guam Power Authority
and/or its Subsidiary, affiliates,
and/or Associated Agencies as now or hereafter constituted
P.O. Box 2977
Hagatna, Guam 96932-2977

Additional Named Insured's and Loss Payees as their interest may appear:

1. Government of the United Stated of America, in respect of various facilities on Guam owned by the United States of America and leased to the Guam Power Authority
2. Bank of Guam

Policy Period:

From the 1st of November 2018 to the 1st of November 2019 both days at 00:01 hours Local Standard Time at the locations of the Property Insured.

- GPA expects to go through renewals each year.

Property and Interest Insured

Material Damage

Real and personal property including Buildings, Furniture, Fixtures and Equipment, Law and Ordinance Coverage for all property, Contents, Plant, Fuel Stocks, Transmission and Distribution lines on Generating Premise and within 1,000 feet of premises, Underground Transmission and Distribution lines, Machinery and Boilers of every kind, nature and description (including improvements and betterments) owned, leased, acquired, used or intended for use by the insured, or hereafter Erected, Installed or Acquired including whilst in the Incidental Course of Construction, Erection, Installation and Assembly and Real and Personal Property of Others in the Insured's Care, Custody, and Control and including Property in the Care, Custody, and Control of Third Parties and the Insured's liability imposed by law or assumed by contract (by an officer of the Insured) for such Property and/or at the option of the Insured Personal Property of the Insured's Officials and Employees while on the Premises of the Insured and/or Contractors' and Vendors' interests in property covered to the extent of the Insured liability imposed by law or assumed by contract, (by an officer of the Insured) and/or Property in Transit and/or Storage including Raw Materials, Expediting Expenses, Valuable Paper, Bullion, Manuscripts, Drawings, Blueprints and/or Specifications, Leasehold Interest and Records, Accounts Receivable, Electronic Data Processing Equipment, Computer Equipment, Computer Date and Media, Petroleum Products which are liquid form at normal atmospheric pressures and temperatures while such products are in underground storage, and foundations,

piers or other supports of brick, stone or concrete, and shafts, tunnels, and dams, and all structural parts and all appurtenant structures and equipment at the side of underground power houses, and cables, wires and underground conduit and underground Transmission and Distribution lines.

Territorial Limits

Various locations in Guam and whilst in inland transit

Sum Insured

USD $300,000,000 each and every occurrence in respects Property Damage/Business Interruption/Extra Expense combined for 100% subject to sub-limits stated below.

Optional Limits: USD 400,000,000 and USD 500,000,000

Sub-limits

Business Interruption – USD $5,000,000 each and every occurrence

Extra Expense – USD $15,000,000 each and every occurrence

Earthquake, Flood, Windstorm, Cyclone, Typhoon, and Tsunami – USD $100,000,000 each and every occurrence

Debris Removal – USD $10,000,000 or 10% of loss whichever the greater

Seepage of pollution – USD $5,000,000

Ingress/Egress – 30 days and limited to loss occurring within five (5) statute miles of the insured's premises

Military/Civil Authorities Clause – 30 days and limited to loss occurring within five (5) statute miles of the insured's premises

Protection and Preservation of Property – USD $1,000,000 each and every occurrence

Underground Transmission and Distribution Lines – USD $35,000,000

Property in the Incidental Course of Construction – USD $25,000,000

Certified and Non-Certified Acts of Terrorism – USD $200,000,000

Basis of Valuation:

Replacement Cost value for all property regardless of age or condition. See attached property schedule for values.

Retentions:

- Property damage
  - USD $2,500,000 each and every occurrence in respect of all perils other than Earthquake, Flood, Wind, and Tsunami (for 100%) for locations with a declared estimated Replacement Cost value equal to or greater than USD $10,000,000

- USD $1,000,000 each and every occurrence in respect all perils other than Earthquake, Flood, Wind, and Tsunami (for 100%) for locations with a declared estimated Replacement Cost value less than USD $10,000,000
- USD $10,000,000 each and every occurrence in respect of Earthquake, Flood, Wind, and Tsunami (for 100%);
- Business Interruption: 60 days each and every occurrence
- Extra expense: 60 days each and every occurrence

Co-insurance

None

Additional Coverages:

- Cyber Liability Coverage
  Limits: USD 5,000,000 each claim and in the aggregate
  Deductible: USD 50,000 each claim

Underwriting Information

Please find attached a list of underwriting information

Property Schedule is replacement cost

Policy Form

All risk property form

Appendix A

GPA Current Insurance Program

COVERAGE	LIMITS	RETENTIONS
Property and Boiler & Machinery	$300,000,000 Blanket	$2,500,000/$1,000,000
Business Interruption	$5,000,000	60 days
-Terrorism, All Risk	$200,000,000	$2,500,000
Extra Expense	$5,000,000	60 days
Cyber Liability Coverage	$5,000,000 each claim/aggregate	$50,000
	SUBLIMITS:	
Earthquake, Flood, Typhoon and Tsunami	$100,000,000 Blanket	$10,000,000
Underground T&D lines	$35,000,000	$1,000,000

Appendix B

GPA INSURANCE RATING DATA

Appendix C

GPA LOSS HISTORY

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

Issues for Decision

Resolution No. 2018-07:

Authorizing the Management of Guam Power Authority (GPA) to Amend the Energy Conversion Agreement (ECA) for the the Piti #8 and #9 Slow Speed Diesel Power Plant to Extend the Contract Term for Five (5) Additional Contract Years

What is the project's objective? Is it necessary and urgent?
GPA's current ECA with Marianas Energy Company expires January 2019. The ownership of Piti #8 and #9 will transfer to GPA upon ECA expiration. GPA does not have the means to operate and maintain this plant reliably. Notably, GPA neither has the O&M supply chain nor experienced personnel. Currently the most reliable baseload units, Piti #8 and #9 are critical for assuring adequate, uninterrupted power supply. The loss of Piti #8 and #9 increases fuel consumption by over $200,000 at peak loads of up to 277 MW.

GPA will issue a new contract solicitation for the management, operation and maintenance of the power plant. However, in the interim, GPA and customers benefit significantly by extending the Energy Conversion Agreement for following:

- **Retain O&M expertise of the units at a critical time**. There are very few land-based slow speed diesel plants; extending MEC contract retains critical expertise allowing for proper cross-training once the new contract is awarded (cross training will start once the extension period commences, and before the new contract commences; overlap between MEC employees and new IPP employees ensures critical knowledge and skills are documented and transferred). GPA has a slim margin for reserve generation in the next few years with Piti #8 and #9 prior to the new power plant commissioning.
- **Retain relationship with OEM and allow GPA (and MEC) to contract with OEMs and key suppliers for critical repairs, upgrades and upcoming conversion o ULSD**. MEC's strategic advantage includes supply chain relationships with OEMs and key suppliers. Without an extension, GPA cannot smoothly undertake key capital improvement projects such as conversion to ULSD, turbo-charger upgrades, and cylinder liner/injection system upgrade recommended by preliminary Plant Assessment Review studies.
- **Efficient Procurement Process**. MEC can ensure that there is adequate inventory, and can also expedite procurement of necessary equipment and services in case of emergency.
- **Allows efficient operation and maintenance of the plant throughout the period when GPA completes projects related to environmental compliance, as well as during the award, construction and installation of new power plant.**

Where is the location?
The Piti #8 and #9 Power Plant is located in Cabras, Guam.

How much will it cost?

	Re-Capitalization Fee	1	2	3	4	5	
		2019	2020	2021	2022	2023	Total
	CIP/PIP (CAPEX)						
1	Diesel Engine	764,058	1,070,741	898,978	0	0	2,733,777
2	Electrical Sys./Generators /Transformers	0	71,500	132,000	132,000	0	335,500
3	Engine Auxiliary Equipment	869,668	807,034	225,566	0	0	1,902,267
4	Steam System	377,893	384,709	334,950	0	0	1,097,551
5	BOP's	2,252,846	1,761,805	512,664	0	0	4,527,315
6	CIP/PIP (CAPEX)	**4,264,465**	**4,095,788**	**2,104,158**	**132,000**	**0**	**10,596,411**
	MAJOR OVERHAUL						
7	Labor	60,500	62,315	64,185	143,110	145,093	475,203
8	Spare Parts	642,678	687,895	687,895	688,125	688,125	3,394,718
9	Rotating Spares	72,719	78,552	78,552	138,248	138,247	506,318
10	MAJOR OVERHAUL	**775,897**	**828,762**	**830,632**	**969,483**	**971,465**	**4,376,239**
11	**Retrofit from BWSC**				**16,022,512**		**16,022,512**
12	**Sub-Total**	**5,040,362**	**4,924,550**	**2,934,790**	**17,123,995**	**971,465**	**30,995,162**
13	**Cost of Money (4% of Sub-Total)**	201,614	196,982	117,392	684,960	38,859	1,239,806
14	**EPC O&M Fee (10% of Sub-Total)**	504,036	492,455	293,479	1,712,399	97,147	3,099,516
15	**TOTAL**	**$5,746,012**	**$5,613,987**	**$3,345,661**	**$19,521,354**	**$1,107,470**	**$35,334,484**

Per Year	$7,066,897
Per Month	$588,908

The RFP/BID responses:
If approved, GPA will complete discussions and formalize extension negotiations in the 2nd quarter of 2018, followed by the issuance of a bid for a new ECA.

What is its funding source?
Revenue Funds.

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

RESOLUTION NO. 2018-07

RELATIVE TO AUTHORIZATION OF PITI 8&9 CONTRACT EXTENSION

WHEREAS, in 1996 under an Energy Conversion Agreement (ECA), GPA contracted an Independent Power Producer for a Build, Operate and Transfer (BOT) project to construct Piti 8 & 9 Power Plant, perform twenty-years of Operation and Maintenance (O&M), and transfer ownership of the plant to GPA at the end of the contract term; and

WHEREAS, Marianas Energy Company currently manages and operates the plant under the ECA which will expire in January 2019; and

WHEREAS, the Piti 8 & 9 Power Plant contains two slow speed diesel units providing 88 MW of production capacity which is 42% of GPA's total baseload capacity; and

WHEREAS, GPA does not have the staff to manage, operate, and maintain the Piti 8 & 9 Power Plant upon the transfer date of January 2019; and

WHEREAS, GPA proposes a private-public partnership to maintain high efficiency and reliability necessary to support the Island Wide Power System (IWPS); and

WHEREAS, GPA intended to solicit for a new IPP contract but was only recently able to complete a site inspection of the plant performed by specialists in slow speed technology that identifies necessary life extension, safety, and environmental projects required for continued plant operation; and

WHEREAS, the delay in this task has prevented the earlier completion of the bid documents and may impact the transition to a new IPP contract by the current contract expiration date; and

WHEREAS, GPA has experienced delays in contract awards due to procurement protests which may impact the transition schedule; and

RESOLUTION NO: 2018-07

WHEREAS, without a contract extension, MEC will not continue to manage and operate the power plant beyond January 2019; and

WHEREAS, land-based slow speed diesel plants are unique, and there may be challenges in seeking or retaining employees having specialized skills in the operation and maintenance of these units; and

WHEREAS, the continued reliability of the MEC power plant is crucial to the IWPS especially since the loss of the Cabras 3&4 Power Plant and the aged condition of the Cabras 1&2 Power Plant; and

WHEREAS, prior to operation of the New Power Plant, an outage of both Piti 8 & 9 is estimated to cost customers an additional $221,658 in fuel expenses per day assuming a system peak of 277 MW, all other units available, a $60/bbl RFO cost, and an $80/bbl ULSD cost; and

WHEREAS, sustained outages of Piti 8 & 9 will result in increased use of the Cabras 1&2 power plant and less efficient Combustion Turbine Power Plants; and

WHEREAS, with the recommended capital investments and planned conversion from RFO to ULSD fuel, GPA will benefit if the plant is managed by the firm that has an established relationship with OEMs and Key Suppliers; and

WHEREAS, an extended period of cross-training and transitioning prior to expiration of the ECA and before a new IPP contract commences will ensure that the plant will continue to be operated and maintained by qualified personnel; and

WHEREAS, GPA and MEC have mutually agreed to a 5-year extension of the contract starting in January 2019 pursuant to Article 32 of the ECA; and

WHEREAS, approval is requested to allow the General Manager to extend the ECA with MEC for an additional 5 years, and to petition the PUC for approval of the contract extension.

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

1. The CCU authorizes GPA to extend the Energy Conversion Agreement for management, operations, and maintenance of Piti 8 & 9 power plant with Marianas Energy Company with the following contract provisions:
    a. Term: 5 years

RESOLUTION NO: 2018-07

b. Fees:
   i. Annual Fixed Recapitalization Fee of $7,067,000 for $35,334,000 of priority projects needed to ensure plant reliability, and the fuel conversion to ultra-low sulfur diesel (Attachment A) to comply with USEPA regulations.
   ii. Fixed O&M Fee = $6.3720/kW per month estimated at $10,085 million annually
   iii. Variable O&M Fee = $0.0024/kWh estimated at $2,245 million annually
c. Performance Guarantees
   i. Heat Rate – 7,720 BTU/KWH (HHV)
   ii. Availability – 90%
d. Other requirements
   i. Annual Performance Test (Heat Rate)
   ii. ULSD Fuel Conversion

2. The General Manager is authorized to petition the PUC for approval of the extension.

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

DULY AND REGULARLY ADOPTED AND APPROVED THIS 27th DAY OF MARCH 2018.

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

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

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

RESOLUTION NO: 2018-07

Ayes: _____

Nays: _____

Absent: _____

Abstain: _____

RESOLUTION NO: 2018-07

ATTACHMENT A

MEC PROJECT SUMMARY

	Re-Capitalization Fee	1	2	3	4	5	
		2019	2020	2021	2022	2023	Total
	CIP/PIP (CAPEX)						
1	Diesel Engine	764,058	1,070,741	898,978	0	0	2,733,777
2	Electrical Sys./Generators /Transformers	0	71,500	132,000	132,000	0	335,500
3	Engine Auxiliary Equipment	869,668	807,034	225,566	0	0	1,902,267
4	Steam System	377,893	384,709	334,950	0	0	1,097,551
5	BOP's	2,252,846	1,761,805	512,664	0	0	4,527,315
6	CIP/PIP (CAPEX)	**4,264,465**	**4,095,788**	**2,104,158**	**132,000**	**0**	**10,596,411**
	MAJOR OVERHAUL						
7	Labor	60,500	62,315	64,185	143,110	145,093	475,203
8	Spare Parts	642,678	687,895	687,895	688,125	688,125	3,394,718
9	Rotating Spares	72,719	78,552	78,552	138,248	138,247	506,318
10	MAJOR OVERHAUL	**775,897**	**828,762**	**830,632**	**969,483**	**971,465**	**4,376,239**
11	**Retrofit from BWSC**				**16,022,512**		**16,022,512**
12	**Sub-Total**	**5,040,362**	**4,924,550**	**2,934,790**	**17,123,995**	**971,465**	**30,995,162**
13	**Cost of Money (4% of Sub-Total)**	201,614	196,982	117,392	684,960	38,859	1,239,806
14	**EPC O&M Fee (10% of Sub-Total)**	504,036	492,455	293,479	1,712,399	97,147	3,099,516
15	**TOTAL**	**$5,746,012**	**$5,613,987**	**$3,345,661**	**$19,521,354**	**$1,107,470**	**$35,334,484**

Per Year	$7,066,897
Per Month	$588,908

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

TO: **Consolidated Commission on Utilities**

FROM: **General Manager**

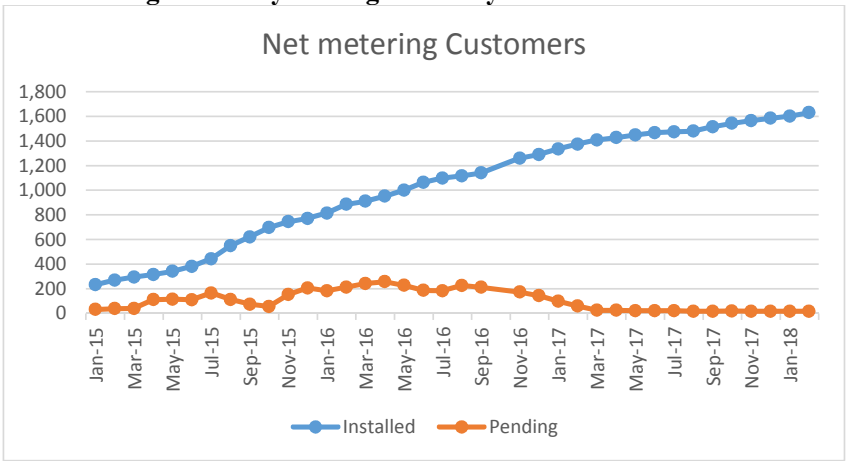
DATE: **March 22, 2018**

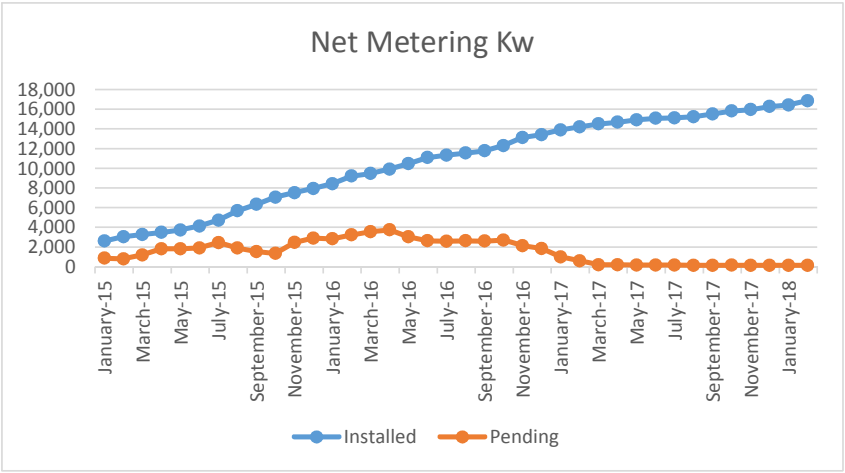
SUBJECT: **General Manager's Report**

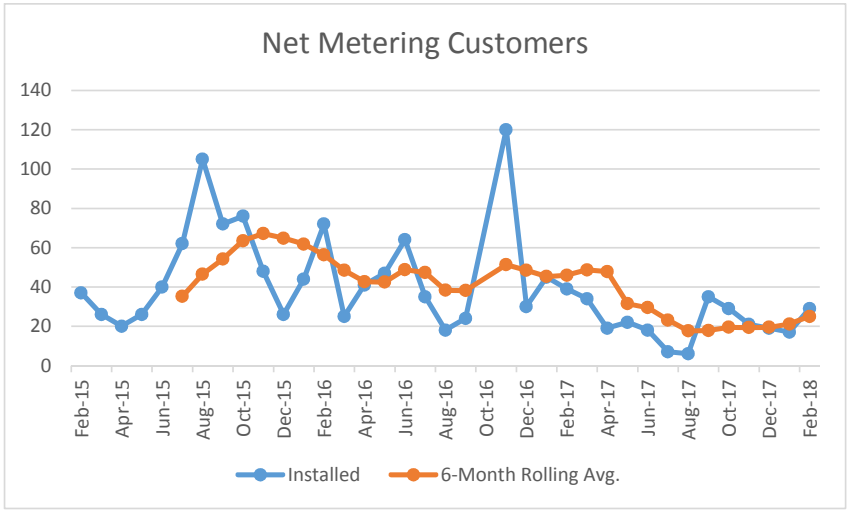
1. **Generation System Update:** The following summarizes the expected generation capacity situation for April 2018. The peak demand for March is estimated at 250 MW. The main transformer change-out and the chemical cleaning of Cabras 2 steam boiler are scheduled to be completed on March 26th. GPA is then scheduled to do chemical cleaning of Cabras 1 steam boiler thereafter thru early April. The chemical cleaning is necessary in order to improve plant availability and reliability.

April 2018 Capacity Available:	**338 MW**
April 2018 Projected Demand	**250 MW**
Available Reserve Margin	**88 MW**

2. Net metering Summary Ending February 2018:







Net Metering Summary Ending February 2018:

Description:	**Count**	**Kw**
Active	**1,630**	**16,849**
Pending	17	129
Totals:	1,647	16,978

Service:	**Count**	**KW**	**Kw/Customer**
Residential	1,544	13,689	8.9
Others	86	3,160	36.7
Total:	1,630	16,849	10.3
% Residential	**94.7%**	**81.2%**	
Estimated 12 Months Revenue Impact:	**$3,143,332**		

3. Renewable Energy Production Summary Thru February 2018:

Energy Production Source:	Kwh	Oil Barrels Avoided	Fuel Cost Avoided
NRG Total Production beginning Oct 2015	115,335,182	192,842	$10,606,332
Net Metering Estimated Production beginning Jan 2015	55,772,399	93,252	$5,128,882
Wind Power Production beginning Jan 2016	867,531	1,451	$79,779
Renewables Total:	**171,975,112**	**287,545**	**$15,814,993**

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

All Expenses – Fiscal Year

Description	FY16	FY17	FY18 as of February	Total to Date
Regular/OT Pay	$11,348.80	$22,256.00	$6,761.02	$40,365.82
Other Contractual	28,278.50	$73,010.05	$2,885.00	$104,173.55
Paid Rebates-Split AC	$154,700.00	$557,275.00	$435,825.00	$1,147,800.00
Paid Rebates-Central AC	$3,400.00	$8,200.00	$800.00	$12,400.00
Paid Rebates-Washer/Dryer	$2,800.00	$7,425.00	$2,800.00	$12,025.00
Total Expenses	200,527.30	$668,166.05	$449,071.02	$1,317,764.37

5. **Net Metering Customer Credit Recommendation:** We continue to prepare GPA's recommendation for CCU's approval but would need more time and now plan to bring our recommendation forward during the May CCU work Session. We are preparing a comprehensive analysis of the demographics of the 1630 customers and need more time to gather the data needed to complete our report. A public meeting for Net Metering is scheduled for Wednesday, April 18, 2018 from 4:00 pm to 6:00 pm here at the Gloria B. Nelson Public Service Building in Fadian. This meeting will allow MRE to present their value of solar (VOS) report. We will review MRE's VOS report before making a final recommendation.

6. **Phase II Renewables:** The PUC conditionally approved the KEPCO-LG 60 MW Power Purchase Agreement at their February 22nd Meeting. It is anticipated the PUC will approve the 60 MW HANWHA project at their March 29th meeting.

7. **Phase III Renewables Bid**: The bid has been issued. The bid request is for about 40MW of solar PV renewables to be constructed on Navy leased land. The energy produced would be stored in batteries during the day and released at nighttime to meet peak time load. The bid price opening date for acceptable proposals is set for April 17, 2018.

8. **PUC Agenda for March 29, 2018 regular meeting:**
    - **Docket 18-06, Petition to Approve Phase II Renewable Award to KEPCO-LG CNS Consortium**
    - **Docket 18-08, Petition to Approve Phase II Renewable Award to HANWA ENERGY CORPORATION**
    - **GPA Docket 18-09, Petition to Increase EPCM Contract**
    - **GPA Docket 18-10, Petition to Approve Contract Extension for Tristar Terminals Guam, Inc.**
    - **GPA Docket 18-11, Petition to Approve GPA's Use of Bond Financing Savings for GPA's "Bringing Energy Savings to Schools" (BESTS) and Demand Side Management Program**

9. **New Power Plant Procurement:** The rezoning of the land for the new power plant is pending Legislative action. Bill-223-34 has not been introduced for deliberation during this March's regular session due to all the special session on GovGuam finances and seems that the bill will more likely be brought up in the April session.

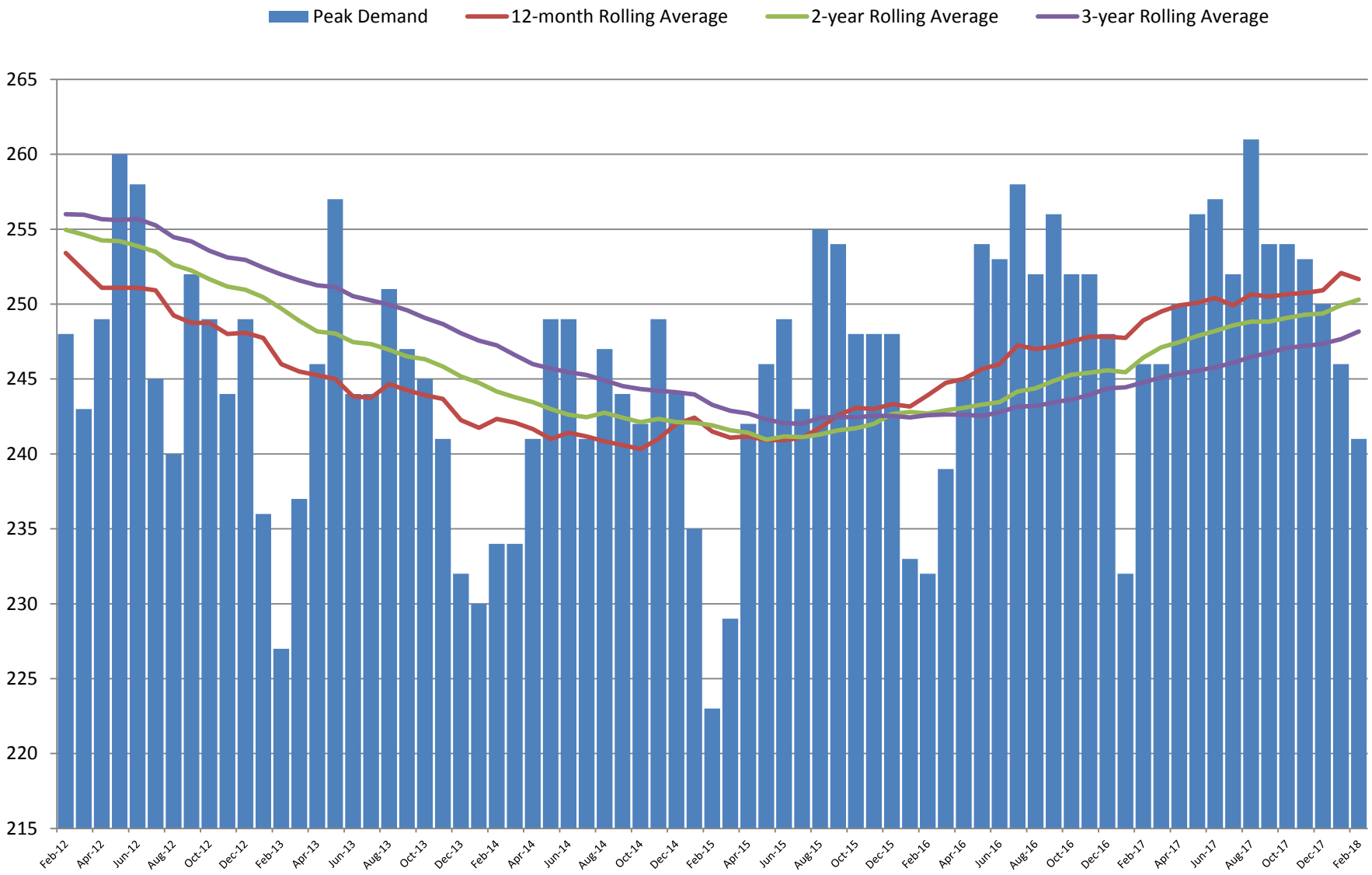
10. **Moody's Rating:** Our bond rating was changed from stable outlook to negative outlook because of the fiscal situation of the Government of Guam. We had discussions with Moody's prior to the change indicating to them that GPA will not be adversely impacted but to no avail. The downgrade was not under any control or failure of GPA and although disappointing, GPA will move on and time should prove GPA's point.

11. **GPA's 50th Anniversary Celebration:** Work continues towards the celebration of GPA's 50th anniversary. A proclamation signing is being scheduled for May 8, 2018 combined with a "roll Call" of the 4th cycle GPA Apprentice Graduates here at our Gloria B. Nelson Facility. The comprehensive suggested listing of programs and events will be presented to the CCU in the April work session.

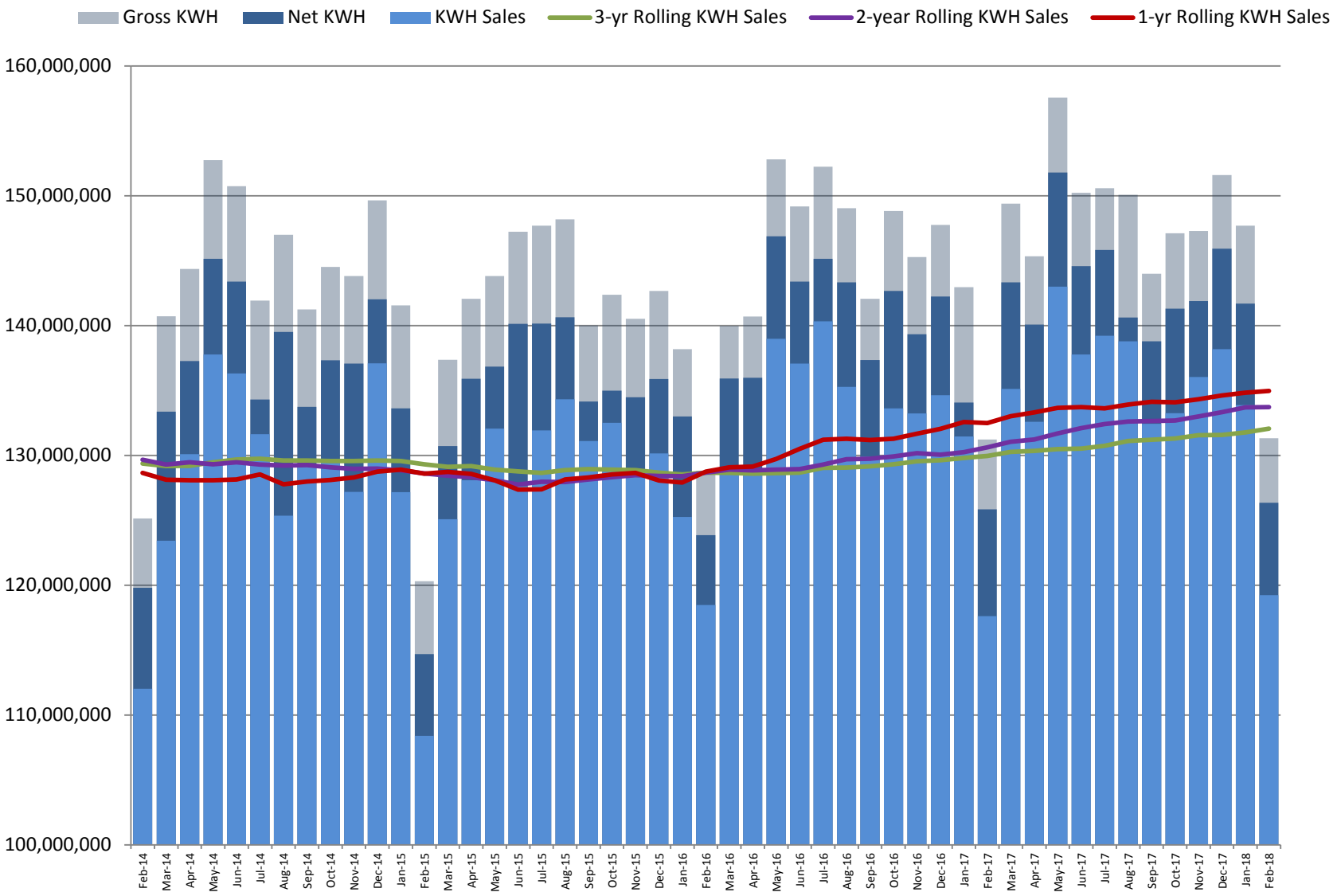
12. **Key Performance Indicators:** The following are updated indicators thru February 2018.

John M. Benavente, P.E.

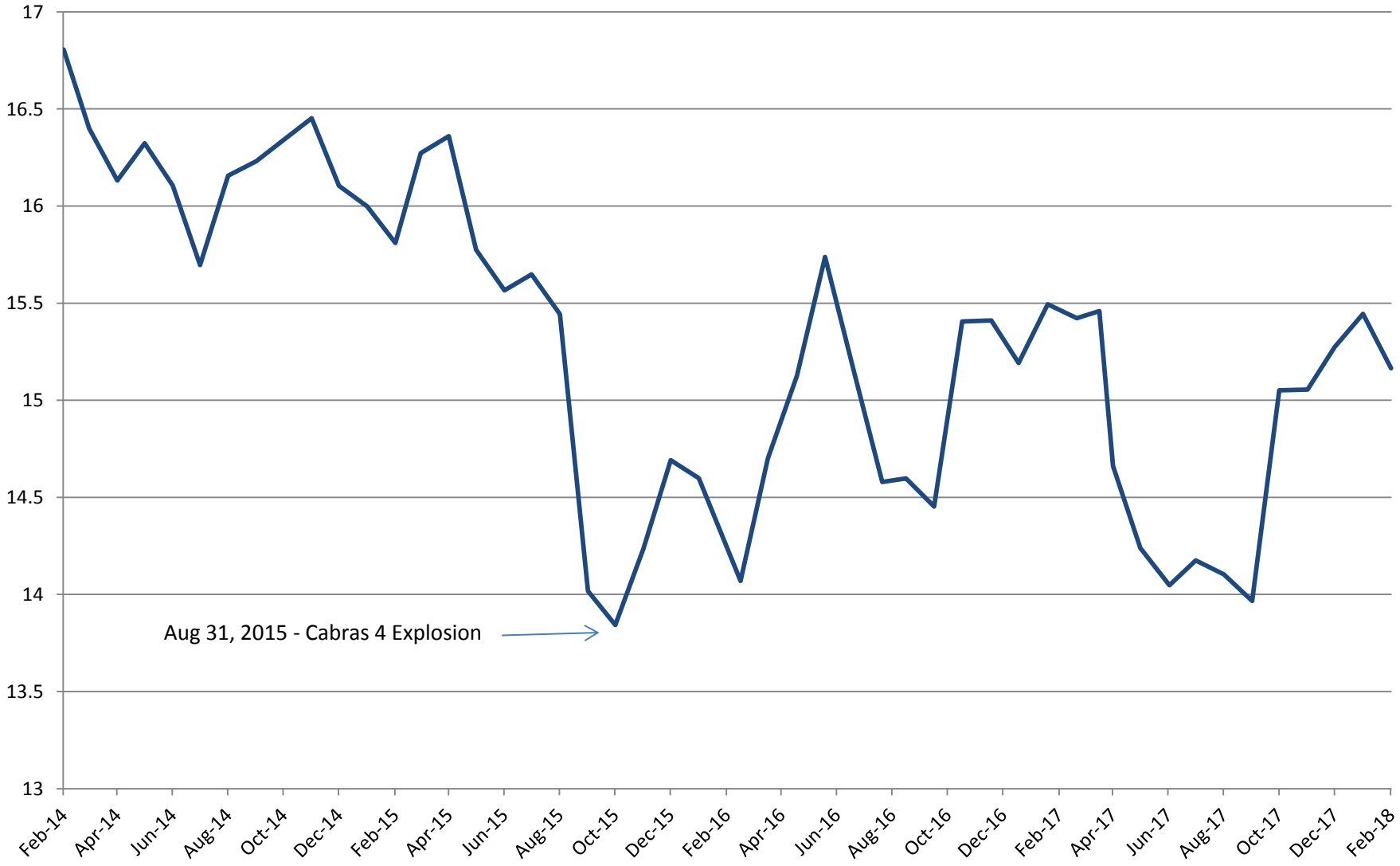
Historical Monthly Peak Demand
February 2012 - February 2018



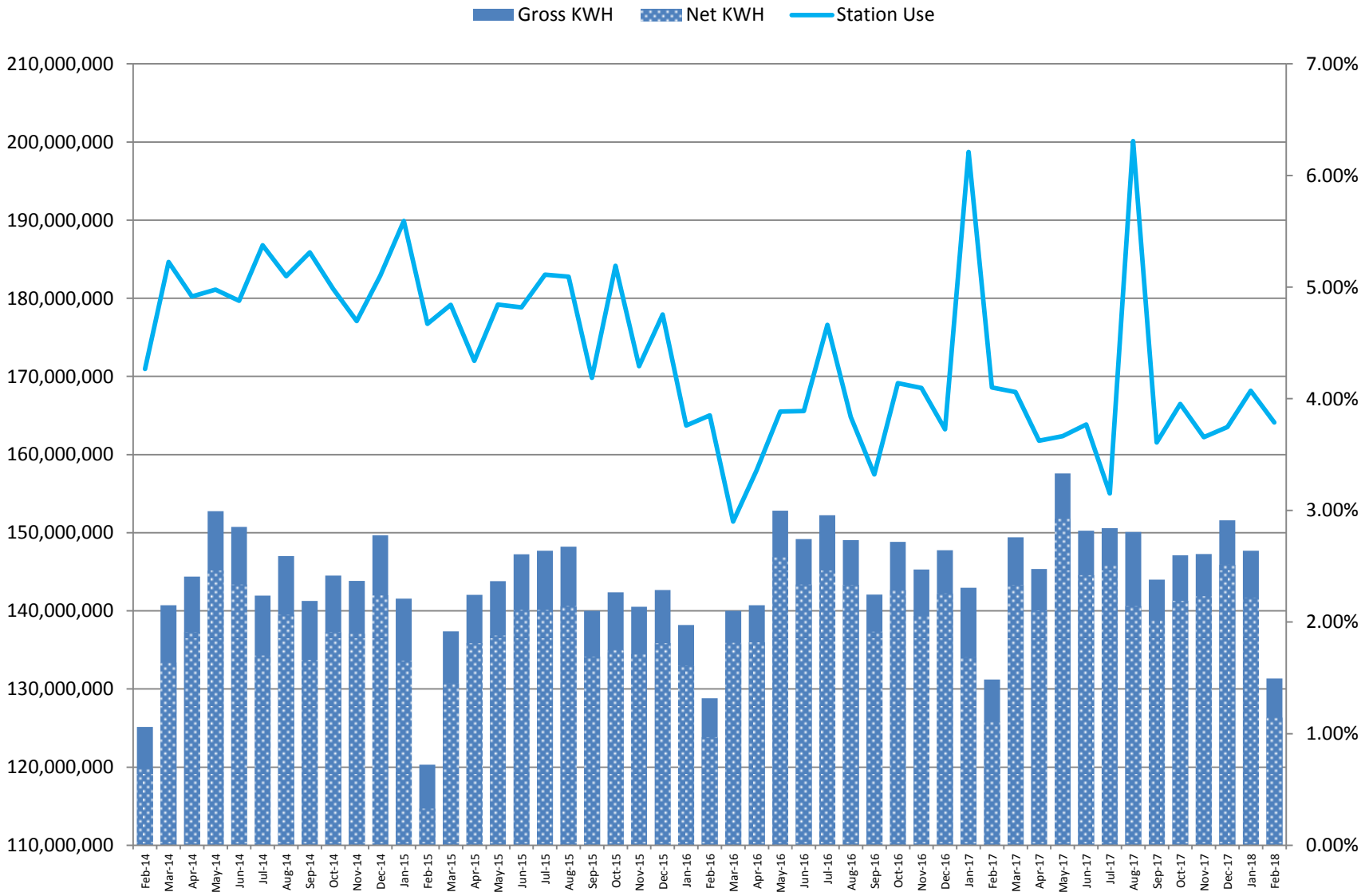
Historical KWH Sales
February 2014 - February 2018



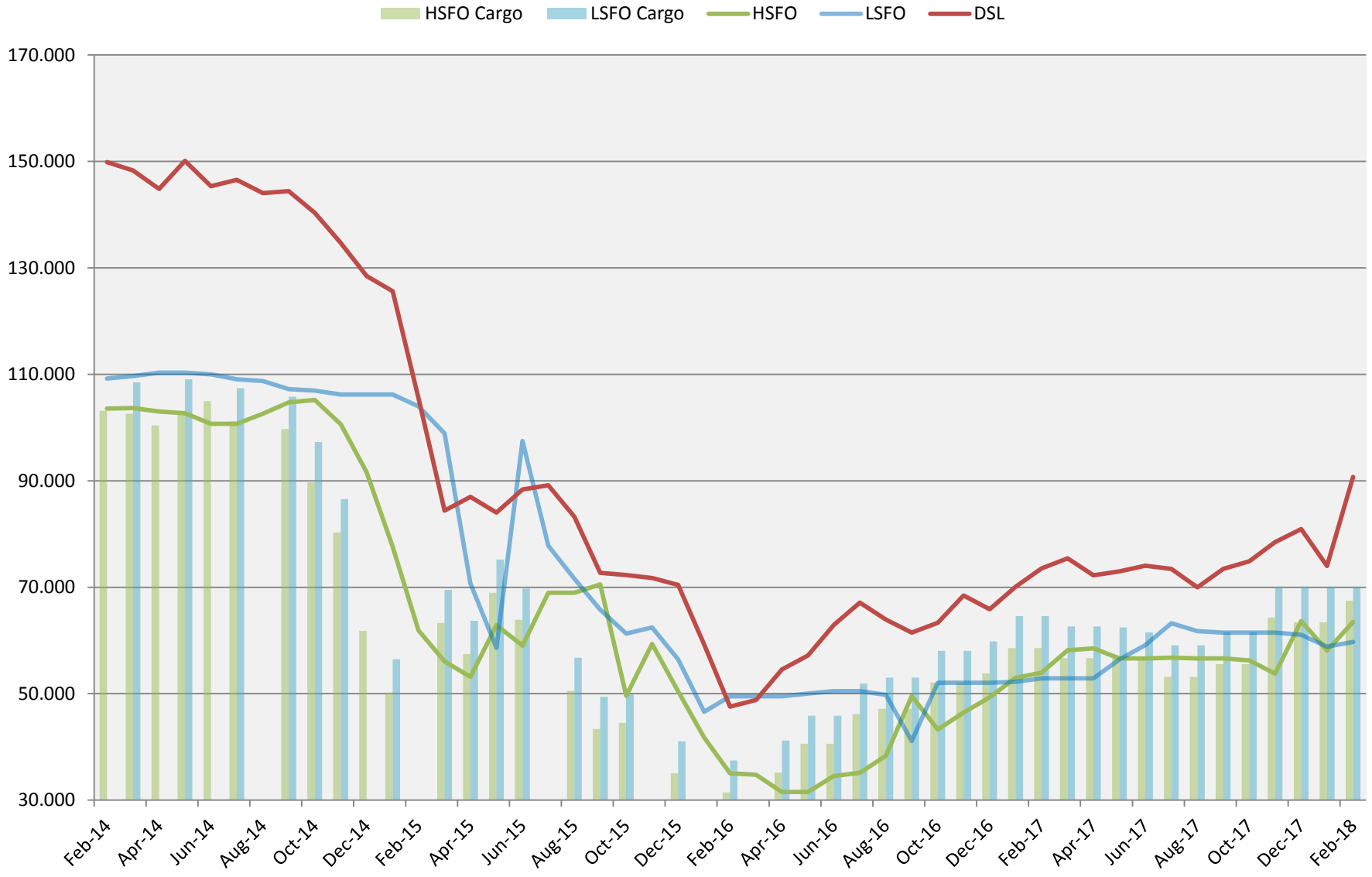
SYSTEM GROSS HEAT RATE
(KWH/Gal)
January 2014 - January 2017



Gross and Net Generation (KWH)
February 2014- February 2018



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



Run Date: 3/8/2018
Run Time: 2:46:43 PM

Guam Power Authority
Delinquent Active Accounts Summary Report

Report ID: DELRATIO

Rate Classification	Total Cust	Del Cust	Del 28-45	Del 46-60	Del 61-90	Over-90	Current Bill	28-45 Days	46-60 Days	61-90 Days	>90 Days	Total	Total Due
Residential (ERES-R)	42,745	4,173	3,023	1,139	0	363	6,706,503.89	627,204.78	199,408.13	0.00	83,008.99	909,621.90	7,616,125.79
		9.76%	7.07%	2.66%	0.00%	0.85%							
Small Gen Non-Demand (EGEN-G)	4,105	248	180	67	0	38	1,153,277.12	95,011.90	24,649.69	0.00	106,701.64	226,363.23	1,379,640.35
		6.04%	4.38%	1.63%	0.00%	0.93%							
Small Gen Demand (EGEND-J)	983	66	50	16	0	8	2,851,686.49	197,296.54	42,129.39	0.00	279,520.91	518,946.84	3,370,633.33
		6.71%	5.09%	1.63%	0.00%	0.81%							
Large General (ELPS-P)	118	10	10	0	0	1	5,519,323.51	724,886.48	0.00	0.00	153,889.83	878,776.31	6,398,099.82
		8.47%	8.47%	0.00%	0.00%	0.85%							
Private Street Light (EPOL-H)	530	35	18	11	0	13	16,507.01	1,662.81	461.68	0.00	1,921.72	4,046.21	20,553.22
		6.60%	3.40%	2.08%	0.00%	2.45%							
Sub-Total (Private)	**48,481**	**4,532**	**3,281**	**1,233**	**0**	**423**	**16,247,298.02**	**1,646,062.51**	**266,648.89**	**0.00**	**625,043.09**	**2,537,754.49**	**18,785,052.51**
		9.35%	**6.77%**	**2.54%**	**0.00%**	**0.87%**							
Small Gov Non-Demand (ESGS-S)	682	39	38	2	0	4	322,686.51	22,475.50	157.03	0.00	582.09	23,214.62	345,901.13
		5.72%	5.57%	0.29%	0.00%	0.59%							
Small Gov Demand (ESGSD-K)	351	13	13	0	0	0	2,084,380.54	60,799.72	0.00	0.00	0.00	60,799.72	2,145,180.26
		3.70%	3.70%	0.00%	0.00%	0.00%							
Large Government (ELGS-L)	47	5	5	0	0	1	1,627,697.71	608,883.35	0.00	0.00	1,540.65	610,424.00	2,238,121.71
		10.64%	10.64%	0.00%	0.00%	2.13%							
Gov Street Light (ESTL-F)	427	4	3	2	0	0	438,723.66	1,205.46	116.48	0.00	0.00	1,321.94	440,045.60
		0.94%	0.70%	0.47%	0.00%	0.00%							
Sub-Total (Government)	**1,507**	**61**	**59**	**4**	**0**	**5**	**4,473,488.42**	**693,364.03**	**273.51**	**0.00**	**2,122.74**	**695,760.28**	**5,169,248.70**
		4.05%	**3.92%**	**0.27%**	**0.00%**	**0.33%**							
GRAND TOTAL	**49,988**	**4,593**	**3,340**	**1,237**	**0**	**428**	**20,720,786.44**	**2,339,426.54**	**266,922.40**	**0.00**	**627,165.83**	**3,233,514.77**	**23,954,301.21**
		9.19%	**6.68%**	**2.47%**	**0.00%**	**0.86%**							

CUSTOMER SERVICE DIVISION – Feb 2018

SUMMARY REPORT

SITE	Less than 10 Mins.	%	10-15 Mins.	%	15-30 Mins.	%	30-45 Mins.	%	TOTAL	Location %
GBN	1,765	86%	245	12%	15	1%	21	1%	2,046	25%
HAGATNA	2,539	68%	587	16%	453	12%	163	4%	3,742	45%
UPPER TUMON	2,076	84%	342	14%	28	1%	13	1%	2,459	30%
TOTAL:	6,380	77%	1,174	14%	496	6%	197	3%	8,247	100%

Government Accounts Receivable: CSD reports invoices for the month of Jan 2018, for 71 active government accounts with an overall total of $4,857,000.14. 68 accounts were current (96%), 3 account arrears (4%). 9 fax/emails issued to government accounts totaling $1,641,770.80. Jan 2018 invoices, 67 accounts paid in full.

CREDIT AND COLLECTION

Delinquent Ratio: As of Feb 2018 the authority reported a total 48,481 active customers. The "Delinquent Ratio" was recorded at 9.35% with 4,532 total delinquent accounts, total arrears of 2,537,754.49; 1,646,062.51; 3,281 (6.77% / 28-45 days) category; 266,648.89; 1,233 (2.54%/ 46-60 days); and 625,043.09; 423 (0.87% / Over 90 days).

Bankruptcy: During Feb 2018 the Bankruptcy reports one (1) customer account filed, totaling $636.38. Chapter 13.

Damage Claim: The Damage claim committee received five (5) Damage claim at $3,128.04 for the month of Feb 2018.

COMMAND CENTER

Meter Changed Outs: For the month of Feb 2018, there were a total of sixty-five (65) meters changed outs due to defective meter non-communicating.

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 1,375 customers; 649(47%) were disconnected; 714(52%) deferred; 12(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 42 customers; 13(31%) were disconnected; 28(67%) deferred; 1(2%) incompletes.

FY 2018 (Feb 01-28,2018)

	Scheduled	Disc	Deferred	Complete Vs. Scheduled	Incomplete Disconnections	Disc Vs. Scheduled	Deferred Vs. Scheduled	Incomplete Vs. Scheduled
Feb-18	1,417	662	742	1,404 99%	13	47%	52%	1%
Jan-18	1,457	797	634	1,431 98%	26	55%	44%	1%
1st	3,890	2,237	1,646	3,883 100%	7	58%	42%	0%
TOTAL:	6,764	3,696	3,022	6,718 99%	46	55%	45%	0%

FY 2017 (October 01, 2016 – September 30, 2017)

QTR	Scheduled	Disc	Deferred	Complete Vs. Scheduled	Incomplete Disconnections	Disc Vs. Scheduled	Deferred Vs. Scheduled	Incomplete Vs. Scheduled
4th	3,621	2,067	1,553	3,620 100%	1	57%	43%	0%
3rd	4,021	2,683	1,332	4,015 100%	6	67%	33%	0%
2nd	5,125	3,053	2,055	5,108 100%	17	60%	40%	0%
1st	10,187	5,462	4,689	10,151 100%	36	54%	46%	0%
TOTAL:	22,954	13,265	9,629	22,894 100%	60	58%	42%	0%

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

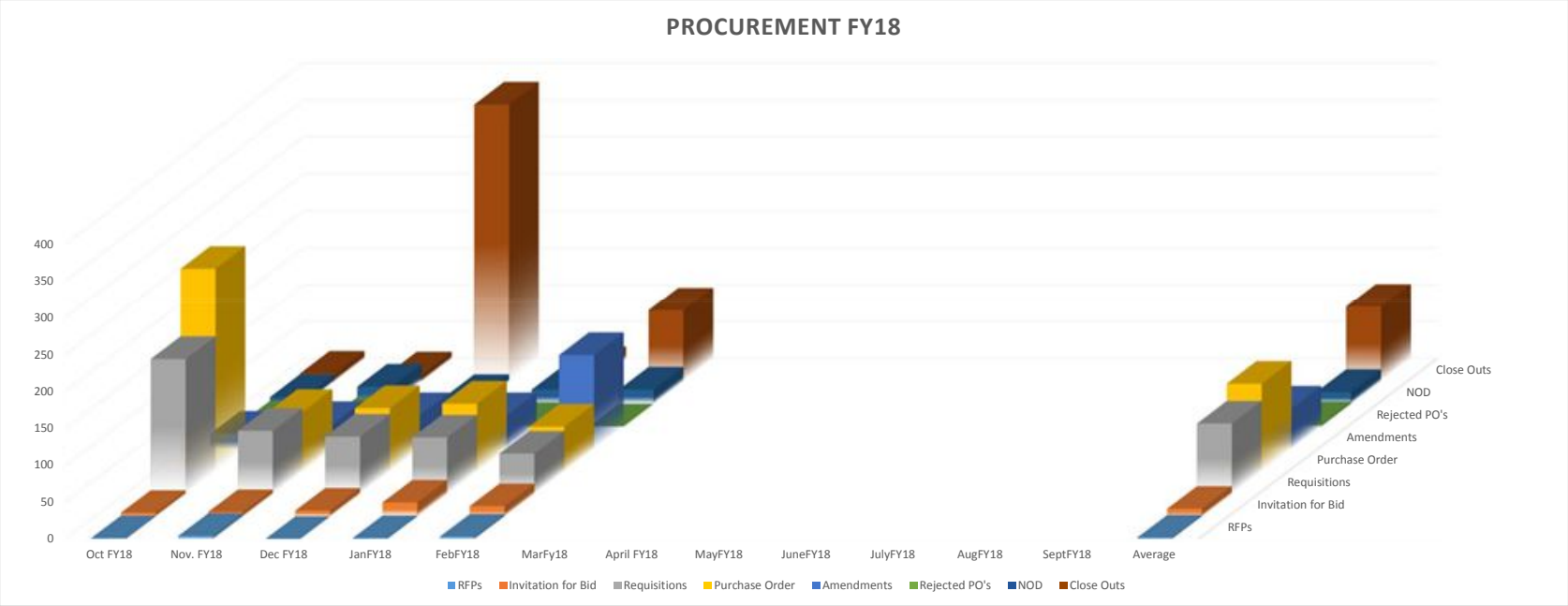
Respectfully submitted,

Marissa Fernandez

Marissa Fernandez, Admin. Officer

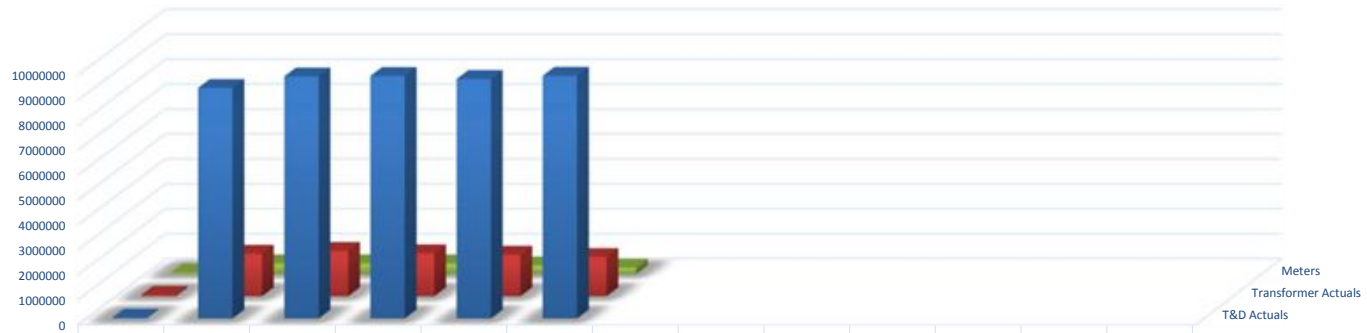
Reviewed / Approved by:

Mercy A. F. Castro, USA

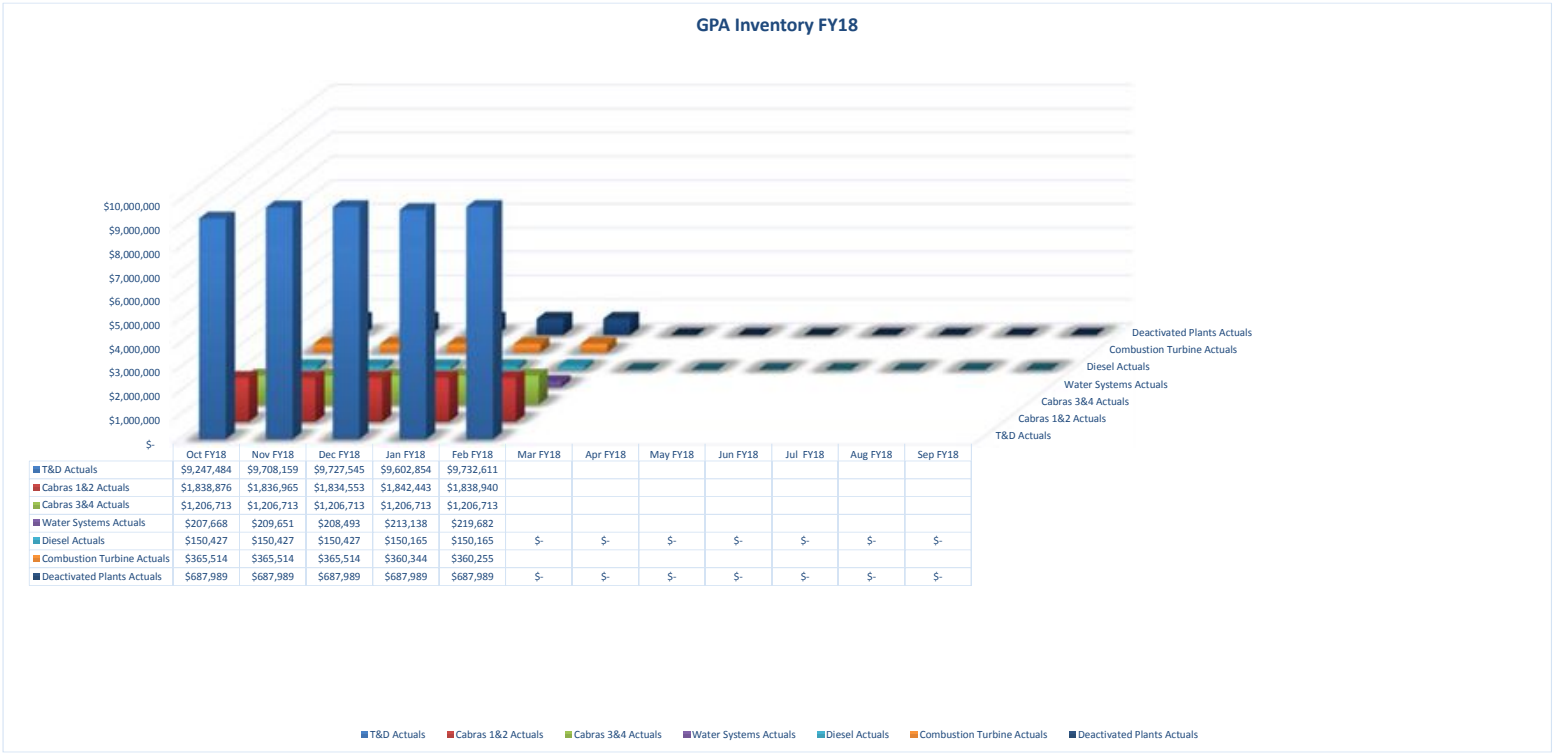


	Oct FY18	Nov. FY18	Dec FY18	JanFY18	FebFY18	MarFy18	April FY18	MayFY18	JuneFY18	JulyFY18	AugFY18	SeptFY18	Average
RFPs	1	4	0	1	3								1.8
Invitation for Bid	5	6	8	19	14								10.4
Requisitions	183	86	78	77	55								95.8
Purchase Order	275	81	86	92	61								119
Amendments	**21**	**34**	**46**	**46**	**127**								54.8
Rejected PO's	4	9	0	2	0								3
NOD	9	23	9	19	19								15.8
Close Outs	10	9	374	16	96								101

T&D Inventory Actuals FY18



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



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

PLANNING & REGULATORY DIVISION REPORT

The following summarizes P&R's activities for the month of February 2018

INSPECTIONS/MONITORING

- Best Management Practices (BMP) Weekly Inspection/Report – Cabras Power Plant
- Spill Prevention, Control and Countermeasures (SPCC) Inspection/Report - Cabras, CT, Diesel, Piti 7 Power Plants and Substations
- Took oil samples from old OCB and transformers at Harmon and Barrigada Substations to verify PCB concentration levels

REPORTING

- New Source Performance Standards (NSPS) Monthly– Submitted reports to GEPA for Macheche CT, Yigo CT, Talofofo, Manenggon and Tenjo Diesel Plants.
- Preparation of TIER II report to be submitted to GEPA for review and GM signature
- Hazardous Waste Report submitted to GEPA.

ENVIRONMENTAL RESPONSE

- Responded to transformer leak GHURA 501 in Dededo

AGGREKO

- Meeting with Aggreko and Guam EPA to discuss results of emission testing and Aggreko plans to show continuous compliance with emissions

ENERGY STORAGE SYSTEM PROJECT (ESS)

- coordinated with Lorraine regarding comments from Guam EPA on removal of above ground storage tanks and piping.
- Reviewed reports from Contractor.
- Took part in site visit with Guam EPA, SPORD, and Contractor. EPA had questions regarding removal of 3 storage tanks along with corresponding secondary containment and piping. EPA wanted to confirm that disposal will be done properly to which the contractor affirmed that it would.

FUEL SWITCHING SERVER REPLACEMENT

- IT completed replacement and cloning of server. Full restoration is currently pending.

LEIDOS ASSESSMENT REPORTS

- Reviewed Environmental Site Assessment report for Piti 8 & 9 (MEC)
- Reviewing Condition Assessment report for Piti Unit 7

NAVY TIE IN PROJECT

- Participated in Site Visit with Navy and their Contractors on their project which require outage of GPA 24" RFO supply line. Attended with SPORD and Project Management

PORT AUTHORITY OF GUAM INCIDENT

- Witnessed air sampling by IHP at Cabras Power Plant. Plant grounds were negative for hazardous gases
- Attended meeting to discuss current SOP to monitor SO2 air quality at Port Area when Cabras units start up. Attended with GPA Safety. Also in attendance was Guam EPA.

WASTE DISPOSAL

- Monitoring of UNITEK and GRESCO used oil disposal to the WOF
- Disposed of GPA used light bulbs

OTHERS

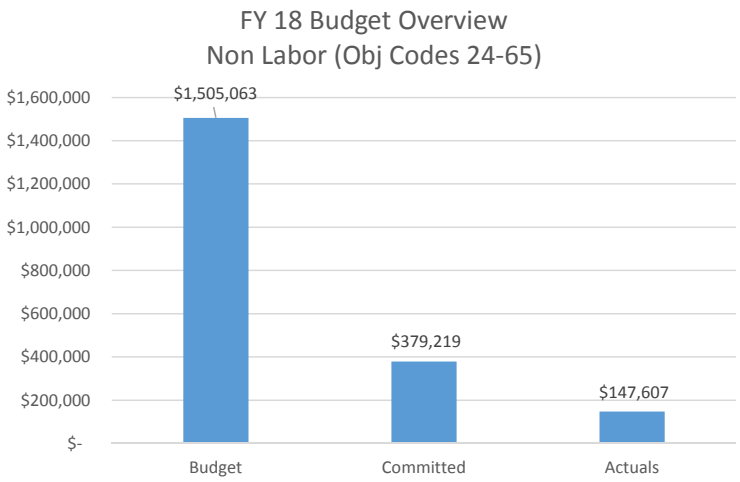
- Prepared and submitted RFP bid to procurement for the Annual Emission testing, and O & M for CEMS and RICE MACT
- Preparation of Bid Documents for the HAZMAT Mitigation (Removal and Disposal) Project for Tanguisson and Dededo Diesel Power Plant
- Provided E&TS with summary of impact the re-designation of Tanguisson area and the rest of the Island to Attainment/Unclasiffiable has on permitting of new plant.
- Attended training at IHP with Safety on the use of hand held air monitoring devices. Requested for quotation from IHP for Air Monitors and calibration kit.

SPORD CCU Report

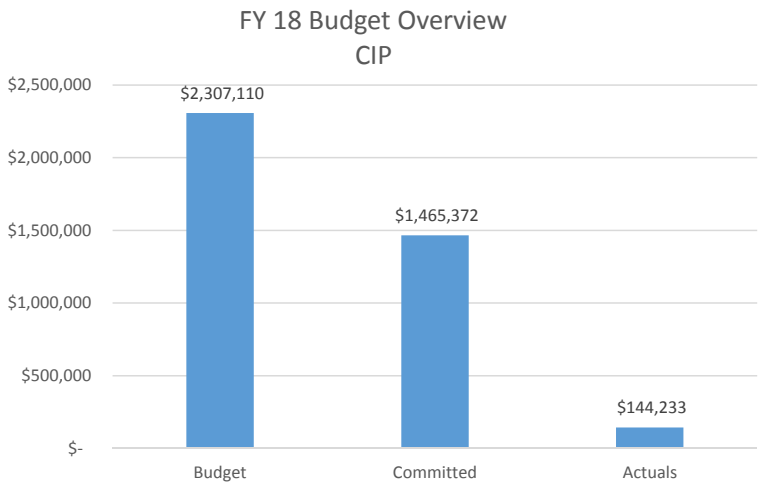
February 2018

SPORD FY 2018 Budget Status

- SPORD O&M:



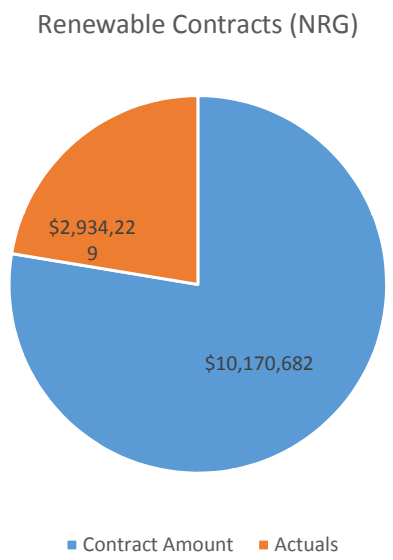
- CIP

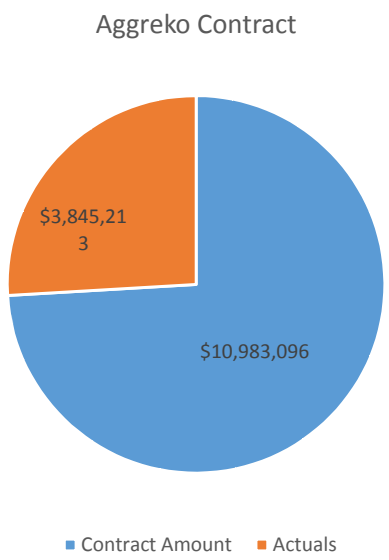


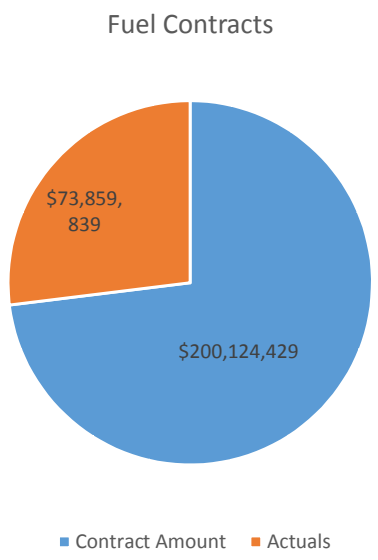
2

SPORD FY 2018 Budget Status

- Major Contracts (Non-O&M)



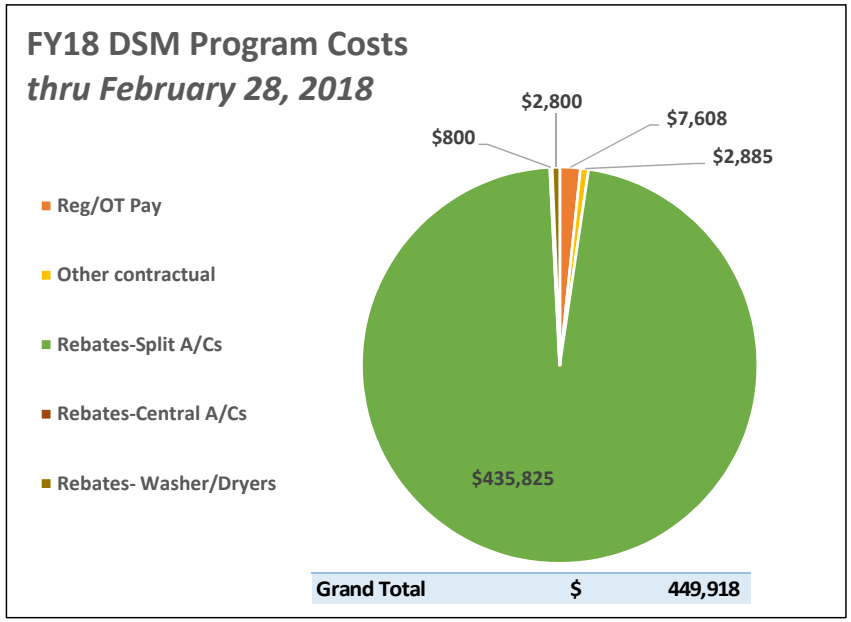


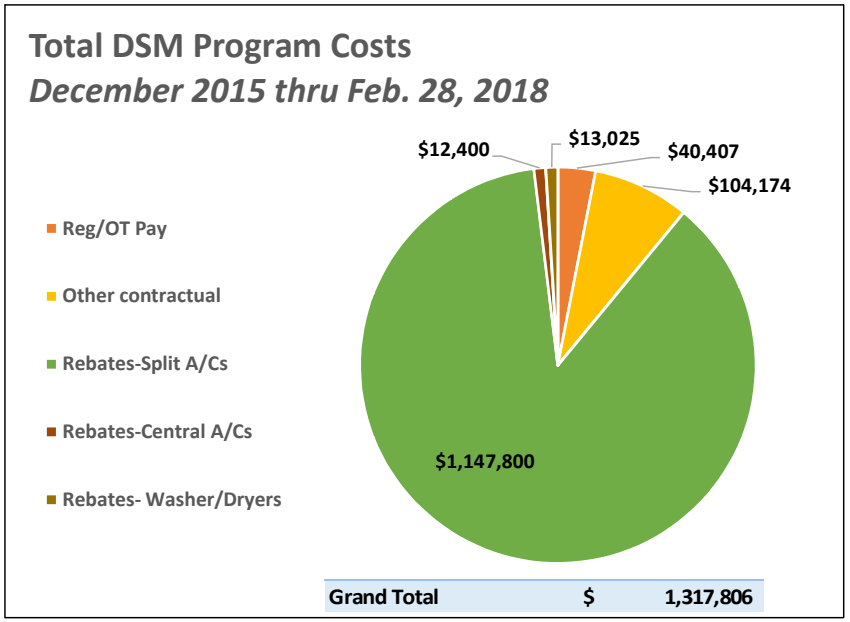


3

SPORD FY 2018 Budget Status

- DSM Expenses





Ongoing Activities

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

PROCUREMENT ACTIVITIES

PENDING AWARD / NTP

Responsible	PROJECT	Description	CCU Date Approved (Resolution No.)	PUC Date Approved (Docket No.)	Projected Start	Projected Completion	Status
SPORD (FJI)	RENEWABLES	Phase II - KEPCO/LG CNS	1/23/18 (2018-01)	(18-06)	10/1/2020	9/25/2045	Pending contract signature & ntp
SPORD (FJI)	RENEWABLES	Phase II - KEPCO/LG CNS	2/27/18 (2018-04)	PENDING	10/1/2020	9/25/2045	

ONGOING PROCUREMENT

Responsible	PROJECT	Description	Bid or RFP	Bid/RFP No	Announced	Bid Opening / Due	Notes
SPORD (RAC)	SCADA	SCADA Workstations	Bid	GPA-049-18	2/13/2018	3/14/2018	
SPORD (FJI)	NEW POWER PLANT	Geotechnical Services	RFP	GPA-RFP-18-002	2/6/2018	3/7/2018	
SPORD (RAC)	SMART GRID	MV90 Integration Services	RFP	GPA-RFP-18-001	1/30/2018	3/6/2018	
SPORD (ANF)	FUEL	Petroleum Inspection Services	MS Bid	GPA-014-18	1/30/2018	3/23/2018	Phase I - Closing of Technical and Price Proposals
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	3/22/2018	Step I - Closing of Qualifications
SPORD (ANF)	FUEL	Supply of Residual Fuel Oil No. 6	MS Bid	GPA-009-18	11/16/2017	4/13/2018	Phase I - Closing of Technical Proposal
SPORD (ANF)	FUEL	Supply of Diesel Fuel Oil No. 2	MS Bid	GPA-008-18	11/16/2017	4/20/2018	Phase I - Closing of Technical Proposal
SPORD (JTL)	RENEWABLES	Renewable Energy Resource Phase III	MS Bid	GPA-007-18	11/16/2017	4/17/2018	Phase I - Closing of Technical Proposal
SPORD (RAC)	SMART GRID	Mobile Workforce Management System (MWMS) **RE-BID**	MS Bid	GPA-023-17	10/5/2017	3/20/2018	Phase II - Opening of Price Proposals - Public Opening
ENGINEERING	FUEL	GPA Tank Farm Pipeline Upgrade - Design / Build	Bid	GPA-047-18	2/8/2018	3/29/2018	To repair existing RFO lines/replace diesel line to TEMES CT

Project Activities

No.	Project Description	February 2018 Activities	Status / Est. Completion
1	Energy Storage System (Phase I)	Revised 100% design drawings to be submitted early March. Clearing and grading permit work commenced in November 2017. Foundation permit work	August 2018
2	Renewable Energy Resource Phase II	Hanwha's PPA approved by CCU. KEPCO's PPA was filed with PUC and pending offical approval. Hanwha's PPA will be filed with the PUC in March.	KEPCO PV plant COD is Oct 2020. Hanwha's COD is anticipated for 1st qtr of 2020.
3	New Power Plant Bid (EPCM)	Request for Qualification announced on January 16, 2018. Proposals due on April 5, 2018. Technical specification are being reviewed and updated based on discussions on the	April 5, 2018 (Qualifications Due)
4	DSM Marketing	DSM Marketing continues. Initiated work with Adztech/Jay Merril on DSM Survey, scheduling initial survey activities in February.	Continuous
5	DSM Rebate Program	Processed over 326 equipment in applications for rebates totaling ~ $69K	Continuous
6	Wireless Network Expansion	Commenced Southern Expansion in collaboration with GWA: 30% Assessment of GWA Well Locations: Completed Assessment of Existing Tropos Units: 20% Router Equiqment and Accessories purchase	To be Updated Completed Continuous Mar-18
7	Performance Metrics Automation Project	Presentation on iDashboard provided to GM. GPA contiues to work with consultant on automating reports and formating.	Mar-18
8	Electric Grid Analysis Software	Additional training for users	Mar 2018
9	Services to Develop Business Performance Indices using iDashboards	Dashboard builds 95%	Ongoing
10	Supervisory Control and Data Acquisition (SCADA) System	Change Order Approved for October 2018 Completion and hardware costs Equiment on Order	Oct 2018
11	Mobile Workforce Management System	Bid Evaluation Completed, Price Proposal Opening March 20, 2018	May 2018 (Bid Award)
12	Consulting Services for Smart Grid Analytics Enabled Distribution System Planning, Technical, and Economic Feasibility Studies	RFP evaluation completed for sole bidder. Bidder did not qualifiy. Committee recommendation to rebid. Waiting on Acknowledgement from sole-bidder	April 2018 (Rebid)

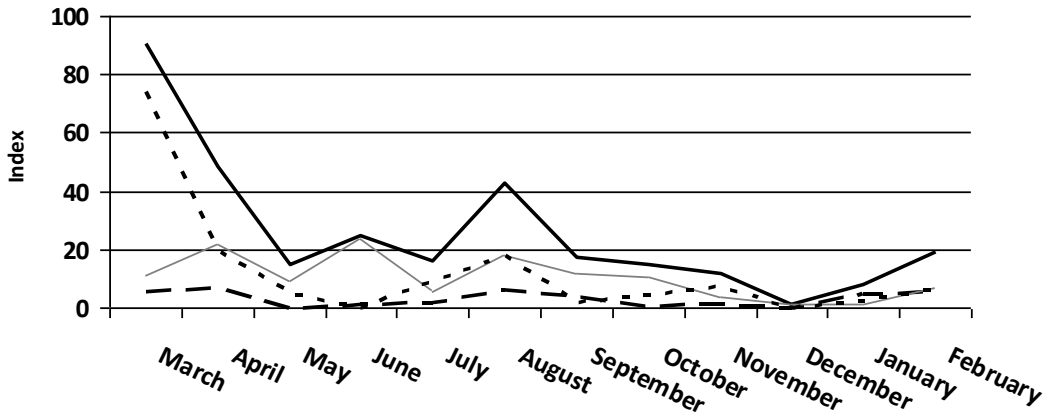
Project Activities

No.	Project Description	February 2018 Activities	Status / Est. Completion
13	TEMES Piti # 7 ECA Expiration & Transition to GPA	Transition completed. Environmental Assessment Report received and submitted to key managers and divisions. Condition Assessment Report under review.	[Completed] [Completed] Copmletion Date: March 2018
14	MEC Piti &8 and #9 - ECA Expiration	Environmental Assessment Report received and submitted to key managers and divisions. Condition Assessment on-going; report expected within 30 days of completion of Assessment. Data Compilation in progress.	[Completed] March 2018 December 2018
15	Planning Software Administration/Maintenance	Training of 2 SPORD Engineers for PO use commenced 10/3/2017. Upcoming task: Configuration and management of database, training for - SPORD - PSCC	Start Date: Oct 2017 Completion Date: Sept 2018
16	Generation Software (GADS open software)	Pending data entry from Generation & SPORD.	[On-going work]
17	IFB for ULSD Supply for Baseloads and Peaking Units	Solicitation in progress	Start Date: Nov 2017 Est. completion: FY2018
18	Contract for Lease of Bulk ULSD Storage	196KB tank repairs completed	27-Feb-18
19	EV Infrastructure	Developing fast charge station scope for Mangilao offices.	Sept 2018
20	Consulting Support, new procurements for Piti 7,8,9	Piti 7 - Management Contract (under Generation) awarded. No IPP bid. Piti 8&9 - Bid documents in progress, scheduled for approval this month.	[Commenced] Bid documents completion: March 2018 Bid Process Start Date: 2nd quarter of 2018 upon CCU/PUC approval
21	Fuel Conversion Plan	Initial discussion commenced, detailed discussions in November after submission of Assessment Report. Data Requests being addressed.	Start: October 2017 Completion: June 2018

Project Activities

No.	Project Description	February 2018 Activities	Status / Est. Completion
22	Fuel Bulk Storage Facility Assessment	Consultant Site Visits for ESA and Technical Inspeciton completed. Reports due January 2018.	Start: Sept 2017 End: January 2018
23	Design and Engineering Consulting for Remote Start of GPA Plants	Engineering Project Management team reviewed scope. Dratt of assessment and implementation plan completed.	August 2018
24	Renewable Energy Resource Phase III	Completed pre-bid conference and site visits January 23-24 2018.	(Mar 2018) Tech Proposal Due
25	Utility Energy Services Contract (UESC)	Kicked off discussions with UOG, Guam Energy Office, Dept. of Navy, and GPA team on project development and opportunities. Discusssed DSM Model House. UOG Campus Assessment, Discussion on Solar Rooftop on DOE campuses.	
26	IFB for Delivery Services for GPA Plants	Bid canceled. Requirements to be included in the ULSD Supply solicitation	IFB Canceled Feb 2018
27	IFB for RFO Supply to Baseload Plants	Solicitation in progress	Start: November 2017 Est. Completion: FY2018 Contract Start: Sep 1, 2018
28	IFB for Petroleum Inspection Services	Re-Solicitation in progress	Start: November 2017 Est. Completion: FY2018 Contract Start: Jun 01, 2018
29	RFO Storage Lease	Lease extension approved by CCU. For PUC review and approval	Start: November 2017 Est. Completion: Mar 2018 Contract Start: Aug 1, 2018
30	GPA Fuel Farm RFO Repair & Upgrade	c/o Engineering Project Mgt	Solicitation in progress
31	GPA Fuel Farm ULSD Pipeline Upgrade	c/o Engineering Project Mgt	Bid Specs Preparation in progress
32	Tk 1934 & Tk1935 API 653 Internal Inspection	c/o Engineering Project Mgt	Bid Specs Preparation in progress
33	Milsoft Systems Software Services	Solicitation in progress	Continuous
34	MV90 Integration Services	Solicitation in progress	Dec-18
35	SCADA Workstations and Monitors	Solicitation in progress	May 2018 (Bid Award)

(Item 1.1,1.2,1.5) February 2018 SAIDI = 311.08 ↑ (303.98)



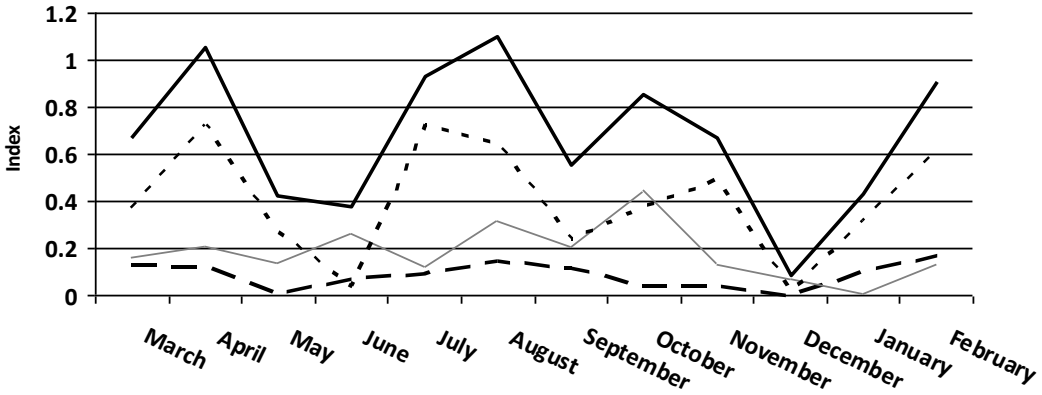
ALL

GEN=148.89 ↑ (145.23)

TRANS=37.48 ↑ (34.95)

DIST=124.71 ↑ (123.79)

(Item 1.1,1.2,1.5) February 2018 SAIFI = 8.05 ↑ (7.52)



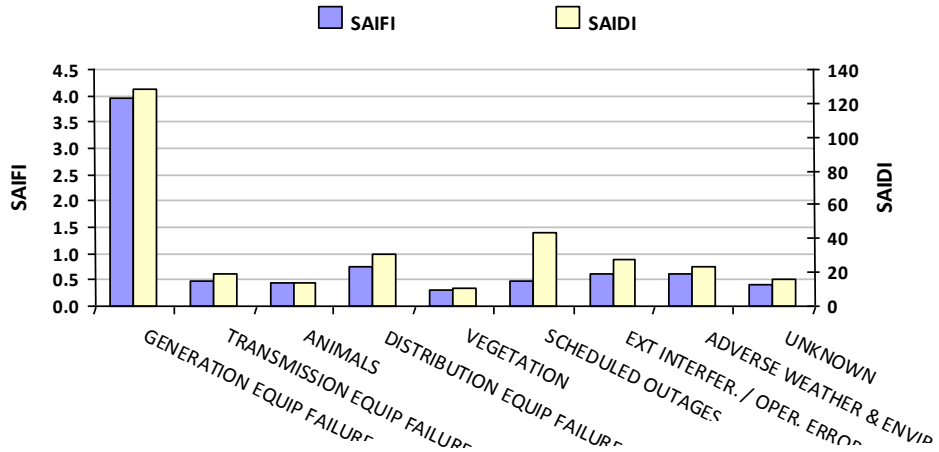
ALL

GEN=4.81 ↑ (4.43)

TRANS=1.03 ↑ (0.89)

DIST=2.21 ↑ (2.20)

(Item 1.9) 12-Month Cause Contributions to Reliability



GENERATION EQUIP FAILURE
F:47.2% D:41.1%

TRANSMISSION EQUIP FAILURE
F:7.5% D:6.2%

ANIMALS
F:6.3% D:4.5%

DISTRIBUTION EQUIP FAILURE
F:9.6% D:9.8%

VEGETATION
F:4.0% D:3.3%

SCHEDULED OUTAGES
F:8.6% D:13.8%

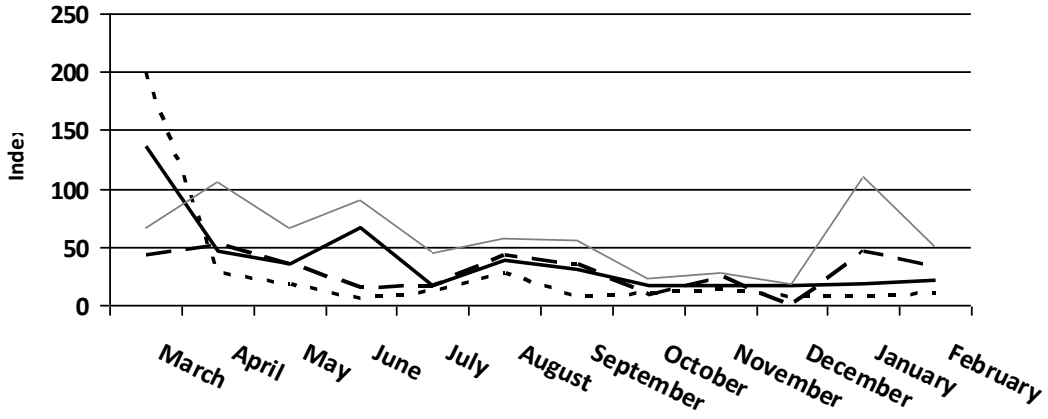
EXT INTERFER. / OPER. ERROR
F:6.3% D:8.7%

ADVERSE WEATHER & ENVIR.
F:5.8% D:7.4%

UNKNOWN
F:4.8% D:5.2%

As of February 28, 2018

(Item 1.1,1.2,1.5) February 2018 CAIDI = 38.66 ↓ (40.4)



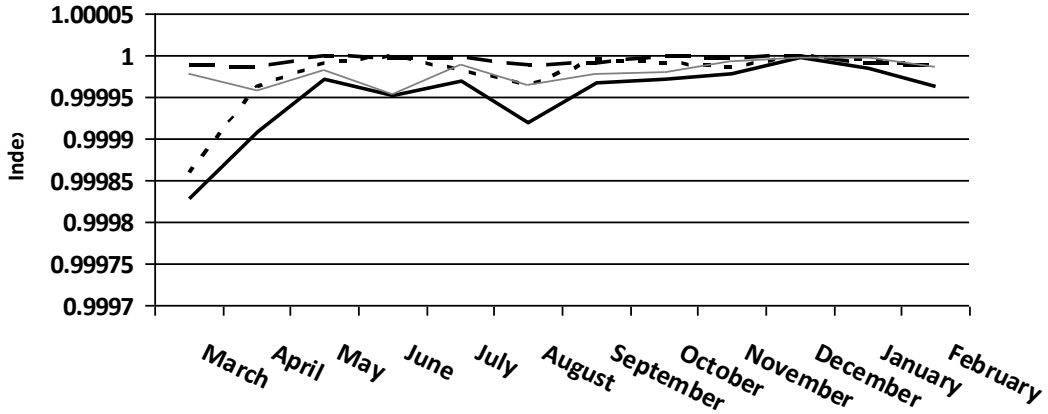
ALL

GEN=30.96
(32.76) ↓

TRANS=36.3
(39.15) ↓

DIST=56.55
(56.34) ↑

(Item 1.1,1.2,1.5) February 2018 ASAI = 0.9994 UNC* (0.9994)



ALL

GEN=0.9997
(0.9997) UNC*

TRANS=0.9999
(0.9999) UNC*

DIST=0.9998
(0.9998) UNC*

(Item 1.4) Top 5 Worst Feeders Distribution Causes

#	Feeder	Outage Count
1	P340	11
2	P403	7
3	P261	7
4	P221	7
5	P332	4

(Item 1.4) Top 5 Distribution Outage Causes

#	Outage Cause	Count
1	Overhead Equipment	29
2	Underground Equipment	17
3	Vegetation	13
4	Snakes	8
5	Vehicles	7

(Item 1.3) Outage Count

TOTAL	UFLS	Non-UFLS
479	246	233

(Item 1.3) UFLS Contribution to Reliability

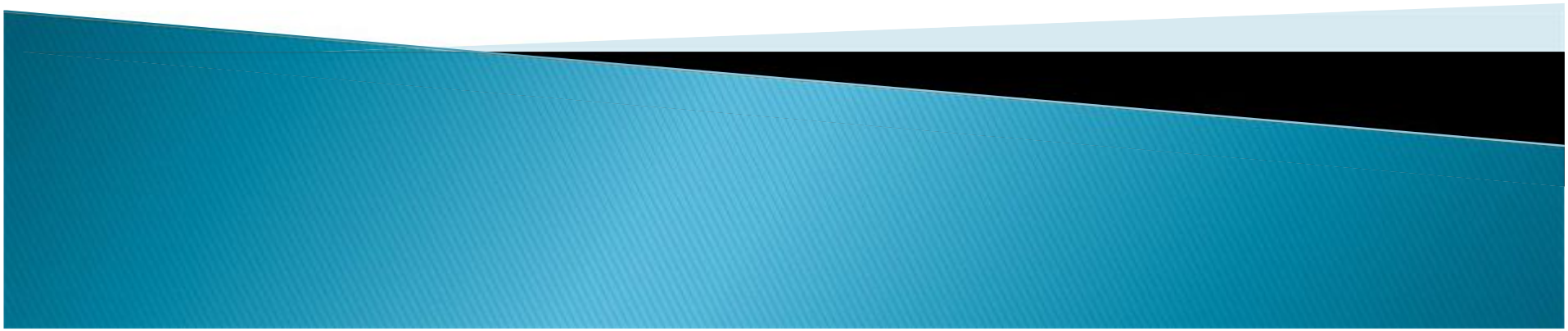
SAIDI	SAIFI	CAIDI
144.22	4.61	31.26

UNC* = Unchanged

As of February 28, 2018

CCU Report– DSM

As of February 28, 2018



All Expenses – Fiscal Year

Description	FY16	FY17	FY18 as of February	Total to Date
Regular/OT Pay	$11,348.80	$22,256.00	$6,761.02	$40,365.82
Other Contractual	28,278.50	$73,010.05	$2,885.00	$104,173.55
Paid Rebates-Split AC	$154,700.00	$557,275.00	$435,825.00	$1,147,800.00
Paid Rebates-Central AC	$3,400.00	$8,200.00	$800.00	$12,400.00
Paid Rebates-Washer/Dryer	$2,800.00	$7,425.00	$2,800.00	$12,025.00

Total Expenses	200,527.30	$668,166.05	$449,071.02	$1,317,764.37

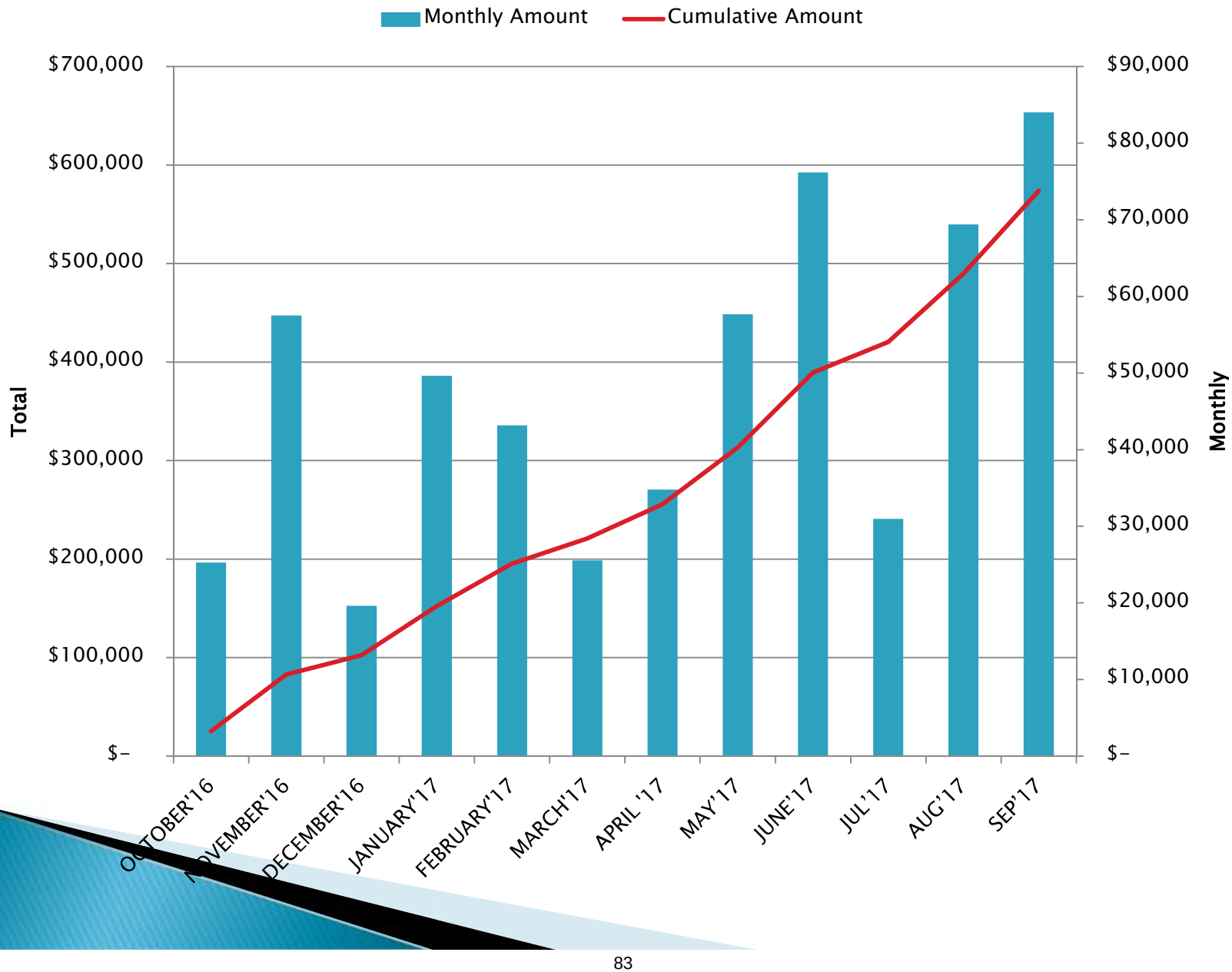
FY 2017– Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/Dryers
OCTOBER'16	$25,250.00	$23,450.00	$800.00	$1,000.00
NOVEMBER'16	$57,525.00	$55,625.00	$1,600.00	$300.00
DECEMBER'16	$19,625.00	$18,225.00	$800.00	$600.00
JANUARY'17	$49,650.00	$48,050.00	–	$1,600.00
FEBRUARY'17	$43,175.00	$43,175.00		–
MARCH'17	$25,550.00	$25,550.00	–	–
APRIL '17	$34,800.00	$30,950.00	$800.00	$2,125.00
MAY'17	$57,675.00	$54,275.00	$2,400.00	$1,000.00
JUNE'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

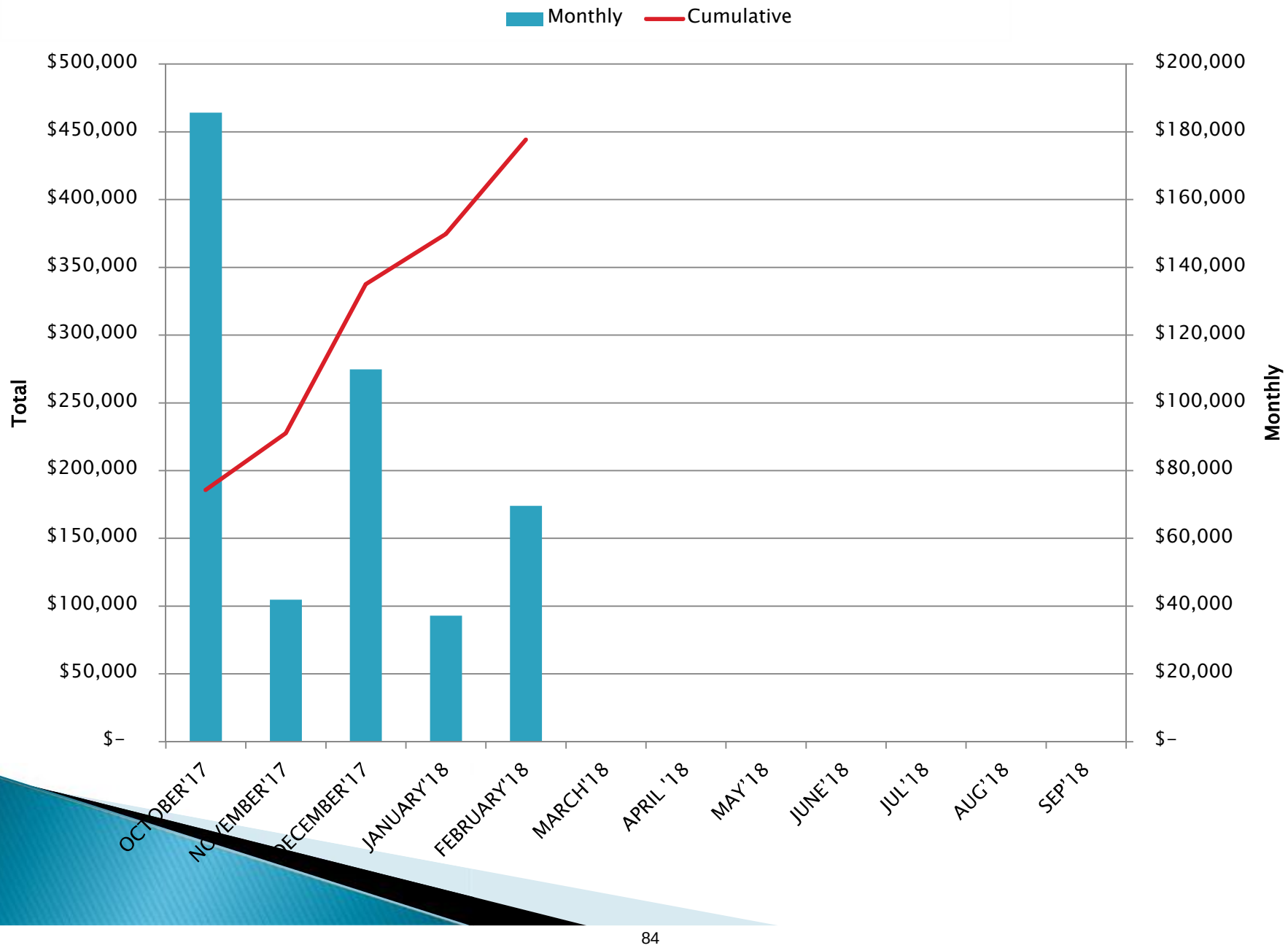
FY 2018– Rebate Amount Paid Monthly

Month	Total	Split A/C Units	Central A/C Units	Washers/ Dryers
OCTOBER'17	$186,850.00	$185,850.00	$800.00	$200.00
NOVEMBER'17	$41,900.00	$41,700.00		$200.00
DECEMBER'17	$109,875.00	$108,475.00		$1,400.00
JANUARY '18	$31,175.00	$31,175.00		
FEBRUARY '18	$69,625.00	$68,625.00		$1,000.00
TOTALS	$439,425	$435,825	$800.00	$2,800

FY 2017- Rebate Amount Paid



FY 2018- Rebate Amount Paid



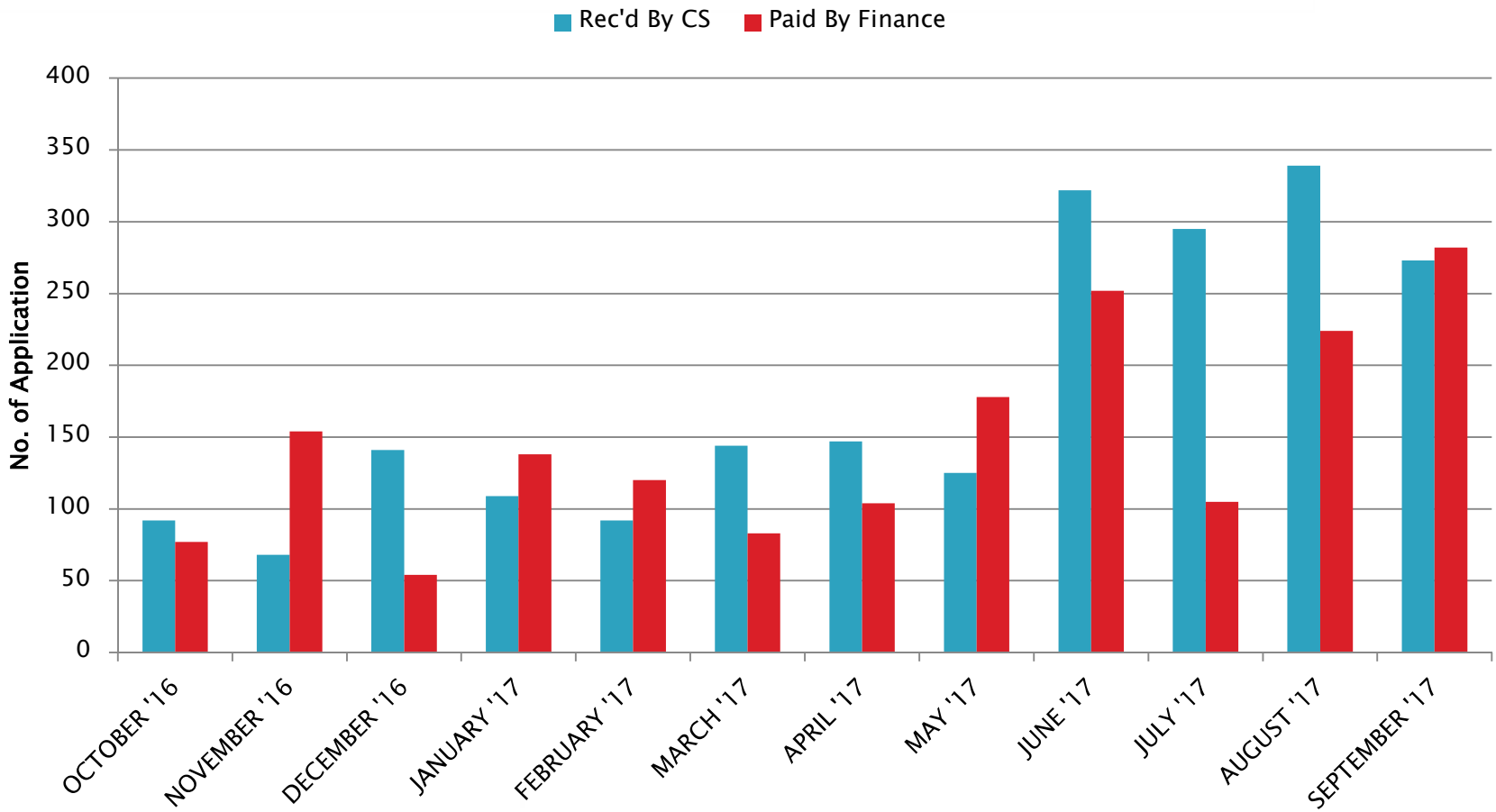
FY 2017- Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCTOBER '16	92	77
NOVEMBER '16	68	154
DECEMBER '16	141	54
JANUARY '17	109	138
FEBRUARY '17	92	120
MARCH '17	144	83
APRIL '17	147	104
MAY '17	215	178
JUNE '17	322	252
JULY '17	295	105
AUGUST '17	339	224
SEPTEMBER '17	270	282

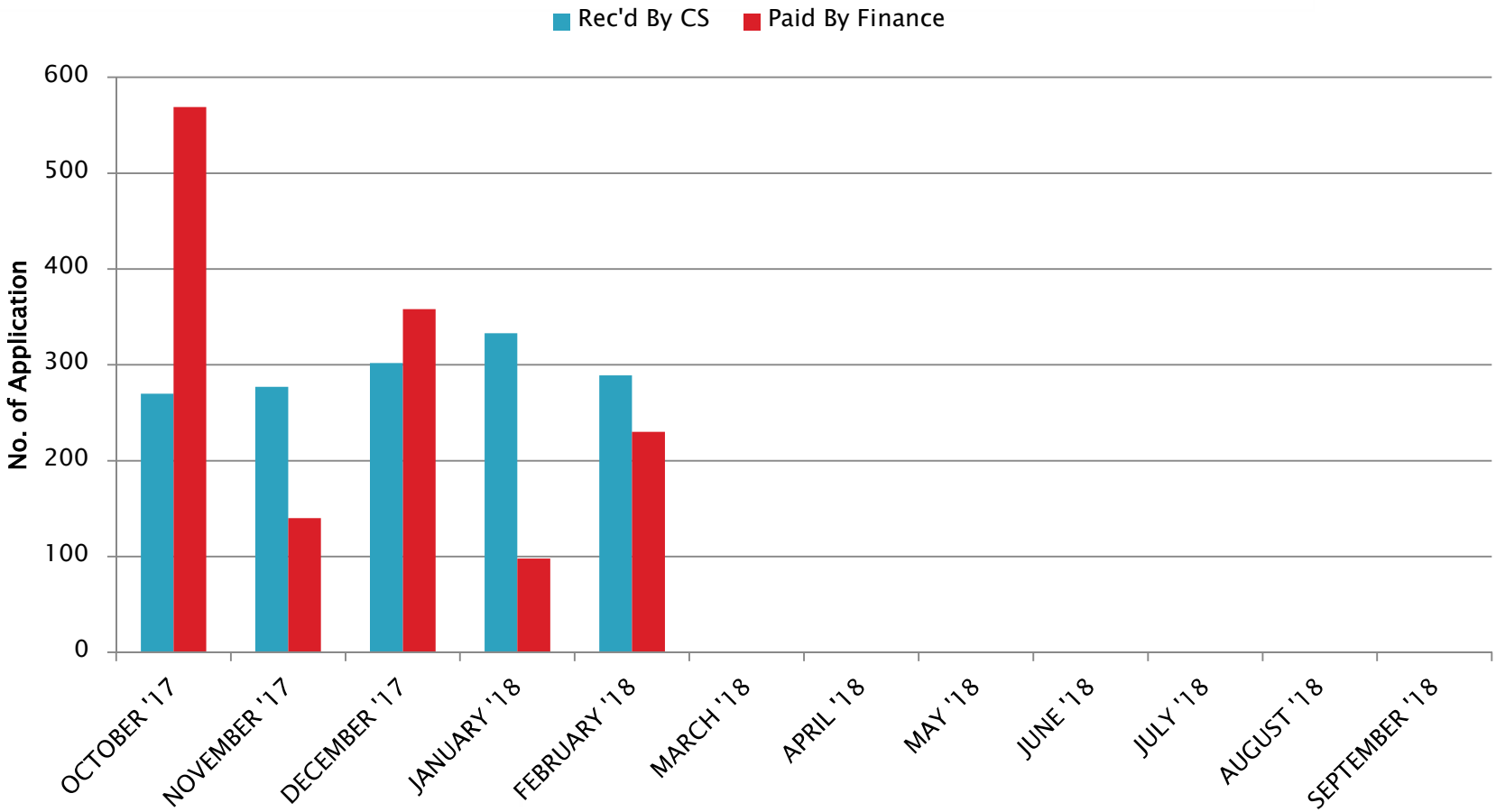
FY 2018- Number of Applications Received By Customer Service and Paid Monthly

Month	Rec'd By CS	Paid By Finance
OCTOBER '17	270	569
NOVEMBER '17	277	140
DECEMBER '17	302	358
JANUARY '18	333	98
FEBRUARY '18	289	230
MARCH '18		
APRIL '18		
MAY '18		
JUNE '18		
JULY '18		
AUGUST '18		
SEPTEMBER '18		

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



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

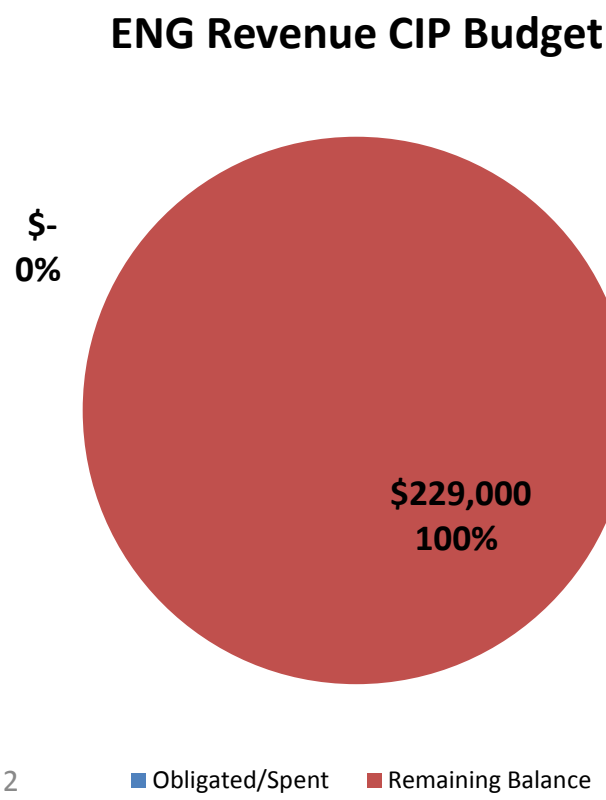


ENG Budget Execution Performance

February 28, 2018

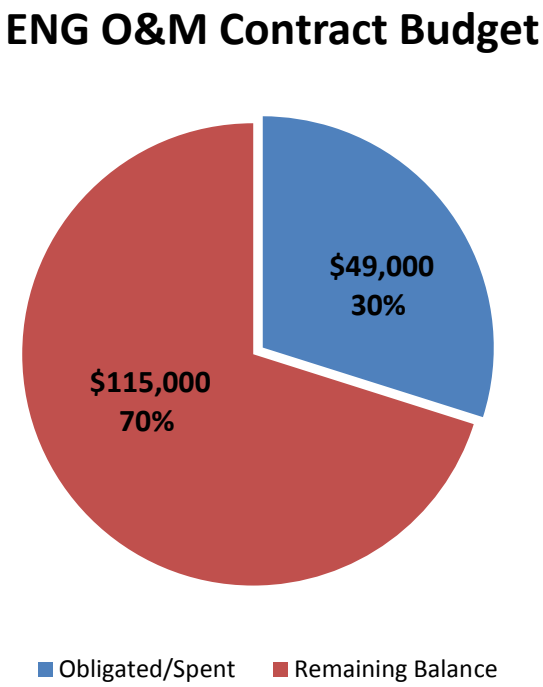
ENG Revenue CIP Budget

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



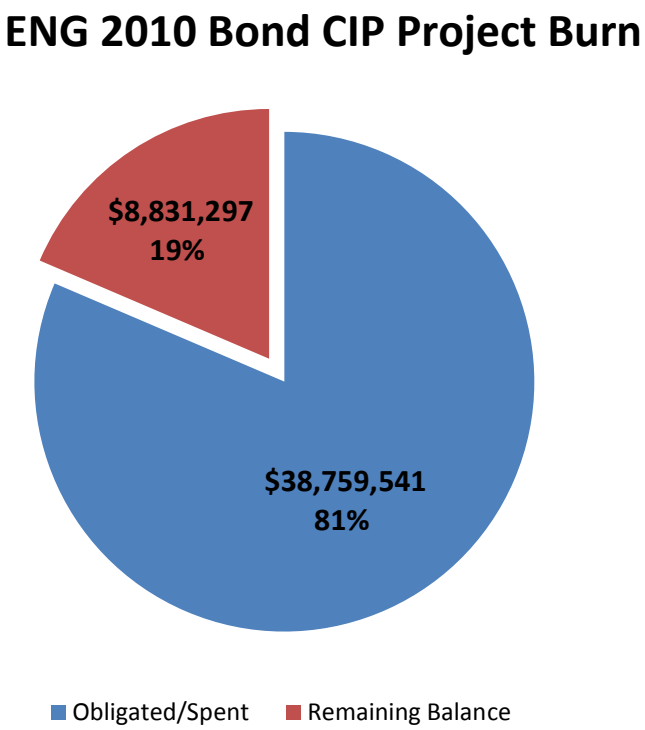
ENG O&M Contract Budget

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



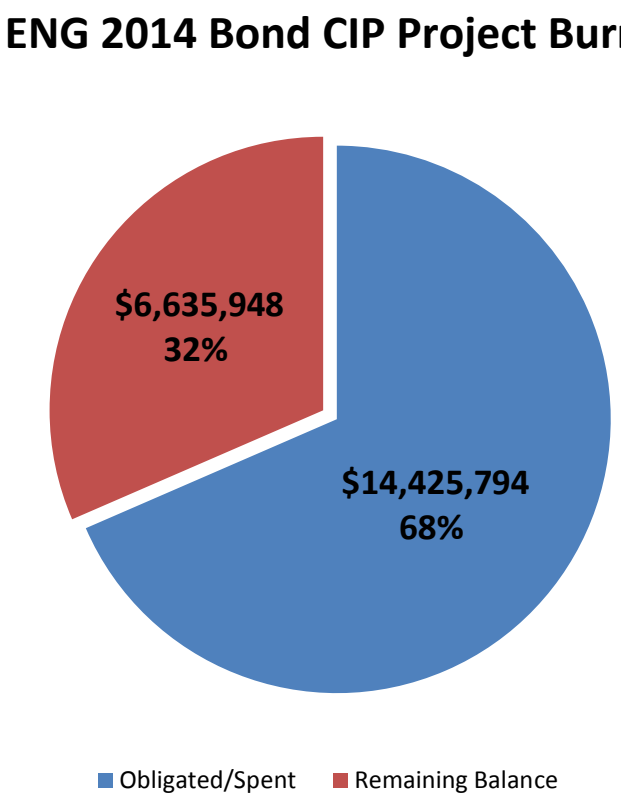
ENG 2010 Bond Series CIP Budget

- Bond Funded
- Target
  - Pending



ENG 2014 Bond Series CIP Budget

- Bond Funded
- Target
  - Pending



Engineering Work Orders

Engineeirng Work Order Summary -February 2018	
Work Orders Received from Customer Services	180
Work Orders Processed & Released to T&D	97
Work Orders Processed & Released to CSR	165
Work Orders Canceled	26
Work Orders Pending Survey	17
Pending Work Orders at Engineering	571

Engineering Large Customer and Net Metering Tracking

Date Received	Customer Name	Work Order Number(s)	Location	KVA	Meter Qty	Status
05/07/14	Port Authority of Guam	412337	Piti			Upgrades of existing facilities, includes line relocations and service conversions from overhead to underground 75% completed. Currently on hold pending Port Authorty direction for final removal.
12/20/13	CoreTech International	Multiple	Dededo	250	50	Lada Estates, 450 kVA, Phase I 100% Completed 242 units energized, Phase II 300 kVA, applications received for 93 units, Phase II 100% Completed. Phase III on hold due to Labor and Permit issues.
01/27/15	TG Engineers PC	422182-85, 90-93, 96-98	Agana Heights	100	11	11 Unit Apartment, 100 kVA, 98% Completed
06/02/15	Docomo Pacific Inc.	Multiple	Various Locations Islandwide	50		New Comm Towers and Power Supplies, 10 sites, 9 completed
05/13/15	CoreTech International Towers	426021	Tamuning	3300	104	New condominiums, 2-1500kVA and 1 300 kVA, Tower 101 100% Completed, Tower 102, 103, and 104 are 45% completed, currently on hold. Temporary power pending for Community Center, 100% Completed. First 52 Service Orders for Tower 101 is 100% completed.
05/11/16	Korando Corp (DPW Bile Pigua Bridge)	437716	Merizo			Bile and Pigua Bridge Reconstruction - 65 % Completed, Route 25/26 Road Widening, currently on hold.
12/09/16	Maeda Pacific	443952	Harmon			Route 1 and Route 3 road improvements - 100% completed, involves new underground 34.5kV and 13.8kV lines and the removal of overhead ples and lines. Pulling of wires intiated 10/9/17. Final Termination and testing Completed. Energizing of new underground 13.8kV and 34.5 kV lines completed. Pending return of materials.
Pending	New Nikko Expansion	Pending	Tumon	1500	1	New Nikko Expansion, pending submittal of work order application. Redesign of primary feed ongoing.
03/10/17	Best Housing Corp Ltd	446924-30	Mangilao	60	6	New 6-Unit Townhome, 50% completed
06/01/17	GWA Pump Stations 2 and 3	450278-9	Santa Rita	150	2	New GWA Pump Stations. 20% Completed.
06/01/17	WM Eng Office Building	450280	Tamuning	150	1	New office building. 100% Completed. Released to T&D.
07/17/17	Keystone Pacific Realty Corp	451488	Hagatna	100	10	New apartment. 92% Completed. Pending additional applications.
07/17/17	Grand Rock Corp.	451490, 1	Santa Rita	50	4	100% Completed. Released to T&D.
08/07/17	Matsumoto, Akiyoshi	452146-49, 51, 4, 6	Tumon	60	7	New 6 Unit Apartment with Common Meter. 5% Completed.
08/17/17	Micronesian Community Corp.	Pending	Mangilao	130	13	New 13 unit subdivison, 10% completed
09/11/17	Grand Harvest Inc.	453016,19,22,24-30,32,34,35,38,40	Dededo	225	17	New 17 Unit Apartment, 100 % Completed. Release t o T&D.
10/02/17	Sumitomo Mitsui (Baza Gardens Waste water)	453369	Yona	300	1	Baza ardens Wastewater Treatment Plant Improvements, 0% Completed
01/25/18	Precision Systems Inc.	456547, 60	Tamuning			Primary Underground Conversion. Removal of three spans of overhead primary and 1 ea. power pole. 95% completed.
02/06/18	Guam Waterworks Authority	Pending Application	Dededo	25	1	Santa Ana Sub. Pump Station. 100% Completed and released to T&D.
03/01/18	Docomo Pacific Inc., New Data Center	Pending Application	Talafofo	3000	1	New Data Center. Planned to come off P-260 and P-262. 0% Completed. Still in Desgn Phase.
Varies	Pending Net Metering Customers	Varies	Various Locations Islandwide		17	Pending Net Metering Customers
			Total	9450	246	

NET METERING
FEBRUARY 2018

	Quantity	Connected kVA
Completed	1,630	16,849
Pending	17	129
Grand Total	1,647	16,978

Rate Class and Technology

Technology	Schedule	Count	Total kW
Solar Energy	R - Residential	1,544	13,901.91
	J - Gen Service Dmd	32	1,646.51
	K - Small Gov Dmd	9	317.80
	L - Large Government	1	22.80
	P - Large Power	3	240.70
	G - Gen Serv Non-Dm	32	636.47
	S - Sm Gov Non-Dmd	7	78.80
Wind Turbine	R - Residential	2	3.60
Grand Total		**1,630**	**16,848.59**

Projected FY 2018 Non-Fuel Revenue Loss

Customer Rate Class	Renewable Energy Capacity (kW)	Annual kWh Generated (@5.092 hours/day)*	Average Non-Fuel Yield $/kWh	Estimated Annual Revenue Loss
R	13,905.51	25,842,810.9	0.09293	$ 2,401,598.26
J	1,646.51	3,059,970.2	0.13112	$ 401,226.36
K	317.80	590,618.1	0.13932	$ 82,286.09
L	22.80	42,372.9	0.13525	$ 5,730.84
P	240.70	447,330.9	0.11539	$ 51,617.07
G	636.47	1,182,853.0	0.15084	$ 178,416.81
S	78.80	146,446.5	0.15334	$ 22,456.26
Grand Total	**16,848.59**	**31,312,402.5**		**$ 3,143,331.69**

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

Estimated Annual Revenue Loss

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

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

NET METERING
FEBRUARY 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	210.27	21	12.2%	24.5%
	P-046	226.91	27	5.4%	8.2%
	P-088	603.78	67	10.0%	15.9%
	P-089	475.77	60	10.6%	25.6%
	P-111	60.00	1	1.1%	2.0%
	P-203	401.36	31	5.4%	15.2%
	P-204	118.08	15	2.5%	5.2%
	P-205	36.40	4	0.8%	1.3%
	P-210	486.79	50	9.5%	12.9%
	P-212	857.80	82	20.7%	53.7%
	P-213	295.33	11	11.3%	15.2%
	P-220	155.14	17	25.5%	80.0%
	P-221	489.53	52	11.1%	22.2%
	P-223	495.71	54	20.8%	29.7%
	P-240	58.55	2	0.9%	7.9%
	P-245	25.00	1	0.5%	1.1%
	P-250	924.04	92	14.2%	25.0%
	P-251	145.50	7	5.9%	9.0%
	P-253	466.61	50	10.4%	16.4%
	P-262	942.06	97	24.7%	59.3%
	P-270	313.67	26	6.2%	12.4%
	P-271	122.78	12	2.1%	4.4%
	P-272	228.03	17	8.9%	20.2%
	P-280	311.59	25	17.3%	32.2%
	P-281	189.70	4	6.8%	18.9%
	P-282	21.00	2	0.6%	1.7%
	P-283	485.05	46	13.4%	23.0%
	P-294	979.34	95	22.6%	44.8%
	P-301	199.26	22	14.1%	25.1%
	P-311	649.83	48	16.3%	27.9%
	P-322	823.99	89	10.9%	21.6%
	P-323	274.41	17	5.8%	18.0%
	P-330	540.62	68	9.9%	20.0%
	P-331	704.08	81	11.2%	18.1%
	P-332	384.46	46	6.8%	10.0%
	P-340	497.37	43	27.4%	60.4%
	P-087	1,038.25	113	26.4%	41.4%
	P-252	447.19	27	10.6%	21.6%
	P-321	257.16	25	4.6%	5.2%
	P-260	58.46	6	8.5%	29.2%
	P-067	68.25	10	0.8%	1.0%
	P-312	68.90	4	4.1%	4.8%
	P-206	18.33	2	1.9%	3.4%
	P-242	23.75	2	0.4%	1.1%
	P-310	181.57	8	6.6%	12.1%
	P-261	342.57	37	12.4%	21.3%
	P-201	45.00	6	1.3%	2.3%
	P-007	55.08	5	7.6%	16.2%
	P-244	18.00	1	1.0%	1.0%
	P-202	22.00	1	0.7%	1.6%
	P-341	4.30	1	0.4%	1.6%
Completed Total		**16,848.59**	**1,630**		
Pending	Pending	129.41	17	0.0%	0.0%
Pending Total		**129.41**	**17**	**0.0%**	**0.0%**
Grand Total		**16,978.00**	**1,647**		

Feeders highlighted in red indicates renewable energy capacity has exceeded 25% of minimum daytime load.

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

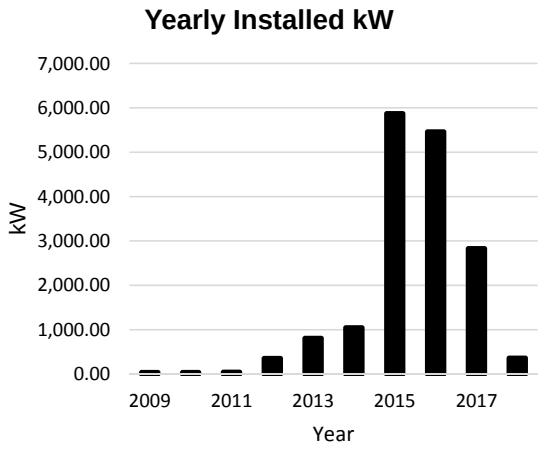
NET METERING
FEBRUARY 2018

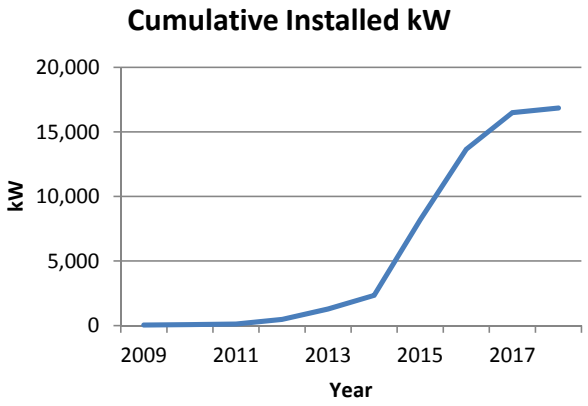
Installed kW by Year

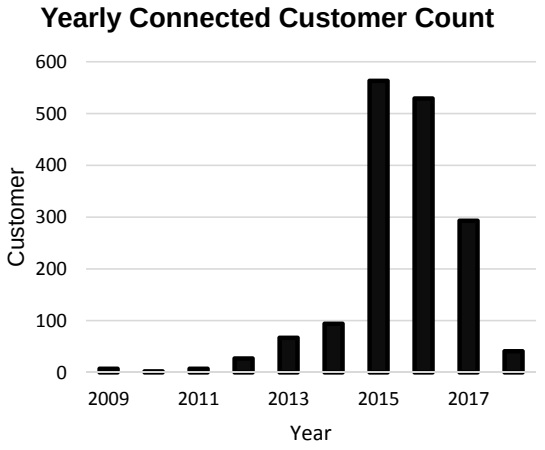
Year	Total	Cumulative
2009	39.46	39.46
2010	39.20	78.66
2011	43.61	122.27
2012	354.61	476.88
2013	808.45	1,285.33
2014	1,046.54	2,331.87
2015	5,870.55	8,202.42
2016	5,458.34	13,660.75
2017	2,828.00	16,488.75
2018	359.84	16,848.59
Grand Total	16,848.59	

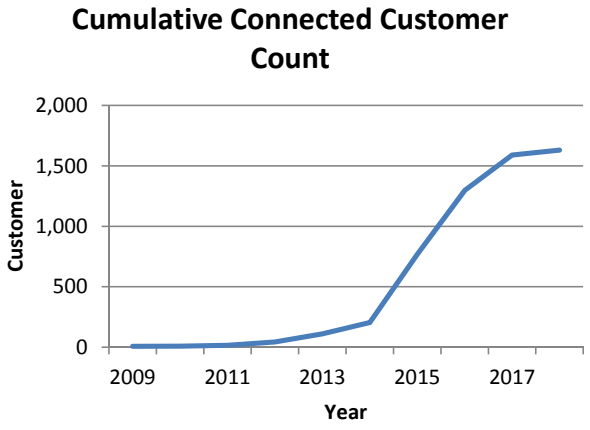
Customer Count by Year

Year	Total	Cumulative
2009	7	7
2010	2	9
2011	7	16
2012	27	43
2013	67	110
2014	94	204
2015	563	767
2016	529	1,296
2017	293	1,589
2018	41	1,630
Grand Total	1,630	







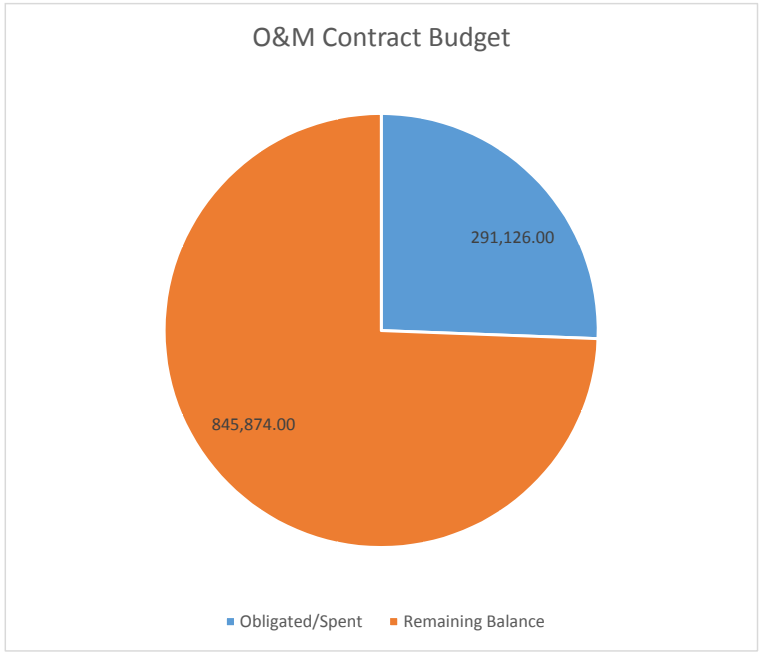


Planning & Regulatory CCU Report

February 28, 2018

Planning & Regulatory O&M Contract Budget

- Revenue Funded
- Target
  - 7.41% O&M Obligated by November 16, 2017
  - 19.28 O&M Obligated as of Nov. 30, 2017 (actual)
  - 19.36 O&M Obligated as of Dec. 31, 2017 (actual)
  - 25.60 O&M Obligated as of Feb. 28, 2018 (actual)
  - 30.09% O&M Obligation by May 31, 2018



2

P&R Weekly & Monthly Inspection Reports

- Best Management Practices (BMP) Report Summary [Weekly]
- Generation Spill Prevention, Control, and Countermeasures (SPCC) Report Summary [Monthly]
- T&D Spill Prevention, Control, and Countermeasures (SPCC) Report Summary [Monthly]

- GPA is responsible to employees, the island environment, and the community to take all reasonable steps necessary to prevent spills from its facilities in order to protect human health and the environment

P&R Inspection Report Purpose

- The purpose of these inspections is to catch discrepancies and violations internally and correct them before inspections by Guam EPA and US EPA
- Regulatory Agencies can conduct scheduled or un-scheduled (surprise) inspections any time
- Any major discrepancies or violations cited can lead to issuance of a Notice of Violation (NOV), possible fines, and/or other enforcement action
- P&R conducts routine SPCC inspections in compliance with the requirements of 40CFR 112.7(a)(3)(ii), Discharge Prevention Measures

Production Data
28-Feb-18

SYSTEM												
YEAR	MONTH	# of DAYS	GROSS GENERATION	FUEL CONSUMPTION		GROSS FUEL EFFICIENCY (Target ≥ 15.99 kWh/gal)	COST per GROSS kWh	GROSS HEAT RATE (Baseloads) PUC Target less than 9,600	GROSS HEAT RATE (Peaking) PUC Target less than 13,600	Ave. MW	Peak MW
				(gal)	(bbl)						
2015	Oct	31	142,387,859	10,285,716	244,898	13.84	$ 0.1076	9,797.11	12,360.42	191	258
	Nov	30	140,522,664	9,871,651	235,039	14.23	$ 0.1185	9,731.04	12,945.82	195	248
	Dec	31	142,668,711	9,711,263	231,221	14.69	$ 0.0951	9,538.53	12,579.77	192	239
2016	Jan	31	138,191,484	9,446,289	224,912	14.63	$ 0.0676	9,662.86	13,413.90	186	233
	Feb	29	128,816,826	8,860,399	210,962	14.54	$ 0.0706	9,692.42	12,038.19	185	232
	Mar	31	139,991,832	9,522,573	226,728	14.70	$ 0.0732	9,172.99	11,597.00	188	239
	Apr	30	140,706,546	9,301,856	221,473	15.13	$ 0.0734	9,368.24	11,041.70	195	245
	May	31	152,815,417	9,751,521	232,179	15.67	$ 0.0681	9,459.10	11,388.57	205	254
	June	30	149,191,844	9,851,575	234,561	15.14	$ 0.0805	9,666.70	11,074.48	207	253
	July	31	151,248,202	10,443,028	248,644	14.48	$ 0.0920	9,477.71	12,208.87	203	258
	Aug	31	149,051,031	10,210,429	243,105	14.60	$ 0.0935	9,431.70	11,155.10	200	252
	Sept	30	142,069,206	9,829,773	234,042	14.45	$ 0.0956	9,509.75	11,393.73	197	256
	Oct	31	148,824,965	9,660,319	230,008	15.41	$ 0.0729	9,749.38	10,738.69	200	252
	Nov	30	145,293,562	9,427,636	224,468	15.41	$ 0.0901	9,714.47	10,786.30	202	252
	Dec	31	147,753,552	9,725,521	231,560	15.19	$ 0.0934	9,661.13	10,645.44	199	248
2017	Jan	31	142,960,618	9,226,278	219,673	15.49	$ 0.0913	9,620.29	10,965.71	192	234
	Feb	28	113,499,400	7,270,830	173,115	15.61	$ 0.0900	9,609.08	11,503.12	195	246
	Mar	31	149,402,182	9,664,440	230,106	15.46	$ 0.1014	9,719.35	11,440.45	201	246
	Apr	30	145,351,026	9,913,757	236,042	14.66	$ 0.1101	9,750.73	11,392.12	202	250
	May	31	157,573,506	11,065,930	263,475	14.24	$ 0.1170	10,067.14	11,323.20	212	256
	June	30	150,240,751	10,654,196	253,671	14.10	$ 0.1101	10,209.74	11,248.62	209	257
	July	31	150,580,050	10,622,458	252,916	14.18	$ 0.1169	9,544.54	11,837.62	202	252
	Aug	31	150,084,827	10,642,044	253,382	14.10	$ 0.1177	9,206.15	11,917.58	202	261
	Sept	30	143,990,208	10,309,304	245,460	13.97	$ 0.1152	9,541.20	13,107.05	200	254
	Oct	31	147,122,071	9,774,857	232,735	15.05	$ 0.1079	9,590.71	11,375.81	198	254
	Nov	30	147,284,781	9,783,352	232,937	15.05	$ 0.1061	9,563.85	11,257.17	205	253
	Dec	31	151,600,064	9,925,003	236,310	15.27	$ 0.1122	9,607.13	11,035.82	204	250
2018	Jan	31	147,704,057	9,563,641	227,706	15.44	$ 0.1078	9,755.40	11,029.21	199	246
	Feb	28	131,329,470	8,660,044	206,192	15.16	$ 0.1150	9,763.94	11,125.15	195	241

SUMMARY OF SPCC INSPECTION REPORT
MONTH OF FEBRUARY, 2018

LEGEND OF TRACKING

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

SUBSTATIONS

LOCATIONS	Findings		Recommendation/Remarks	Status	Responsible	Completion Date	Due Date	Initial Findings Date
DEDEDO SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						
DEDEDO SUBSTATION WAREHOUSE	*Facility Area*	NO CORRECTIVE ACTION						
MACHECHE SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						
TALOFOFO SUBSTATION	*Secondary Containment*	Oil leak from cooling fins	Conduct repair and cleanup				ASAP	February 2018
TENJO SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						
YIGO SUBSTATION	*Facility Area*	NO CORRECTIVE ACTION						

T&D Vegetation Management

Percent Completion (per Sector Feeder)

Note: Feeders priority listing based on outages due to vegetation

Northern Sector

Feeder	Esitmated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P332	6,830	3,410	9,561	190%
P322	7,265	500	4,800	73%
P330	2,635		12,599	478%
P087	4,245	4,200		99%
P046	1,245			
P321	4,045			
P088	3,310			
P089	670			
P331	1,925			
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	14,745	26,960	106%

Central Sector

Feeder	Esitmated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P250	33,290	6,000	3,850	30%
P212	17,560			
P253	15,240			
P283	2,230		7,000	314%
P210	10,120			
P280	1,675			
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			
P205	350			
P206	140			
P204	530			
P312	200			
P281	525			
P400	150			
Total	97,283	6,000	15,436	22%

Southern Sector

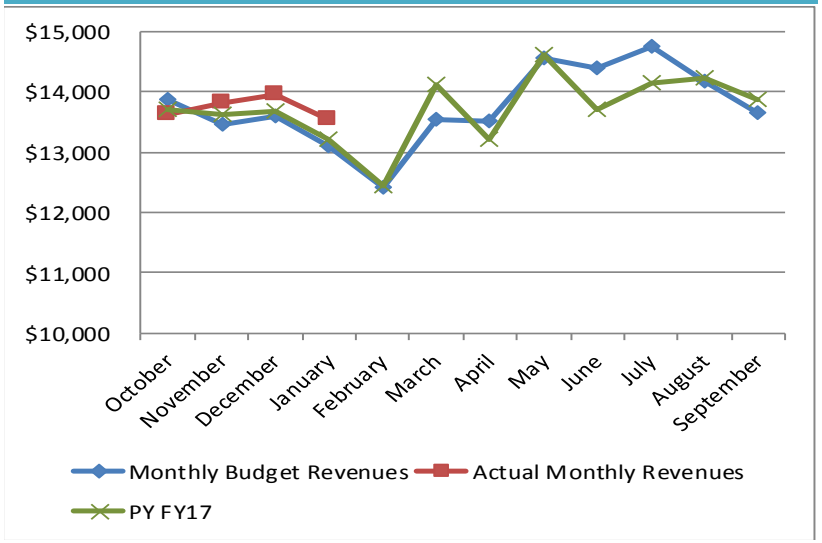
Feeder	Esitmated Distance (LF)	Distance Trimmed by T&D Crew (LF)	Distance Trimmed by Contractor (LF)	% Completion
P294	9,430	45	22,801	242%
P261	4,930		6,439	131%
P340	13,240	335	23,005	176%
P262	5,185	75	9,195	179%
P221	1,570	210		13%
P223	2,500	895		36%
P341	880	50	450	57%
P301	19,915	120	1,675	9%
P005	990			0%
P220	1,250			0%
P260	12,630			0%
Total	72,520	1,730	63,565	90%

January 2018 Monthly Financial Highlight

Base Revenue Through January 31, 2018

$000	Monthly Budget Revenues	Actual Monthly Revenues	Variance		PY FY17	CY vs PY Variance	
October	$ 13,873	$ 13,625	$ (248)	↑	$ 13,702	$ (77)	↑
November	13,451	13,827	$ 376	↑	13,622	$ 205	↑
December	13,599	13,968	$ 369	↑	13,695	$ 273	↑
January	13,114	13,534	$ 420	↑	13,220	$ 314	↑
February	12,422				12,454		
March	13,534				14,123		
April	13,525				13,224		
May	14,568				14,617		
June	14,386				13,722		
July	14,759				14,151		
August	14,183				14,244		
September	13,651				13,874		
Total	**$ 165,064**	**$ 54,954**	**$ 917**		**$ 164,649**	**$ 715**	

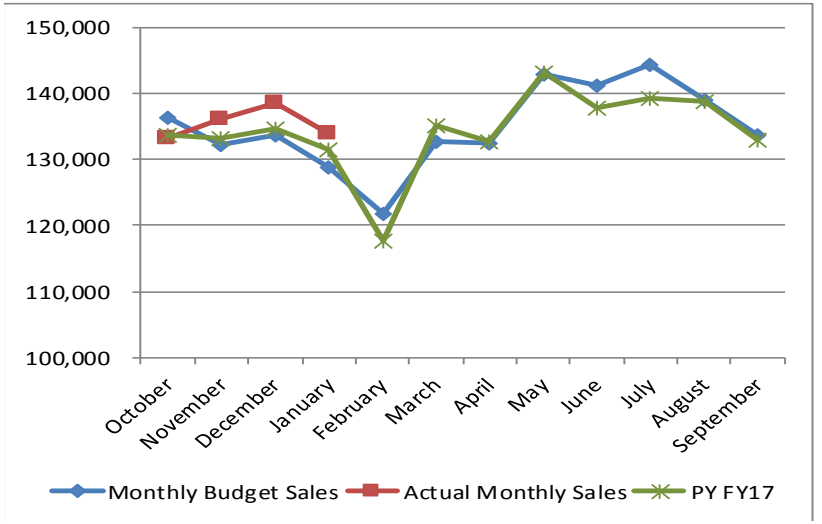
Base Rate Revenue $000



MWH Sales Through January 31, 2018

mwh	Monthly Budget Sales	Actual Monthly Sales	Variance		PY FY17	CY vs PY Variance	
October	136,219	133,262	(2,957)	↑	133,620	(358)	↑
November	132,132	136,044	3,912	↑	133,235	2,809	↑
December	133,625	138,587	4,962	↑	134,634	3,953	↑
January	128,711	133,882	5,170	↑	131,461	2,421	↑
February	121,668				117,617		
March	132,587				135,131		
April	132,532				132,587		
May	142,956				143,013		
June	141,064				137,777		
July	144,404				139,227		
August	139,093				138,797		
September	133,658				132,993		
Total	**1,618,650**	**541,775**	**11,088**		**1,610,093**	**8,825**	

MWh Sales

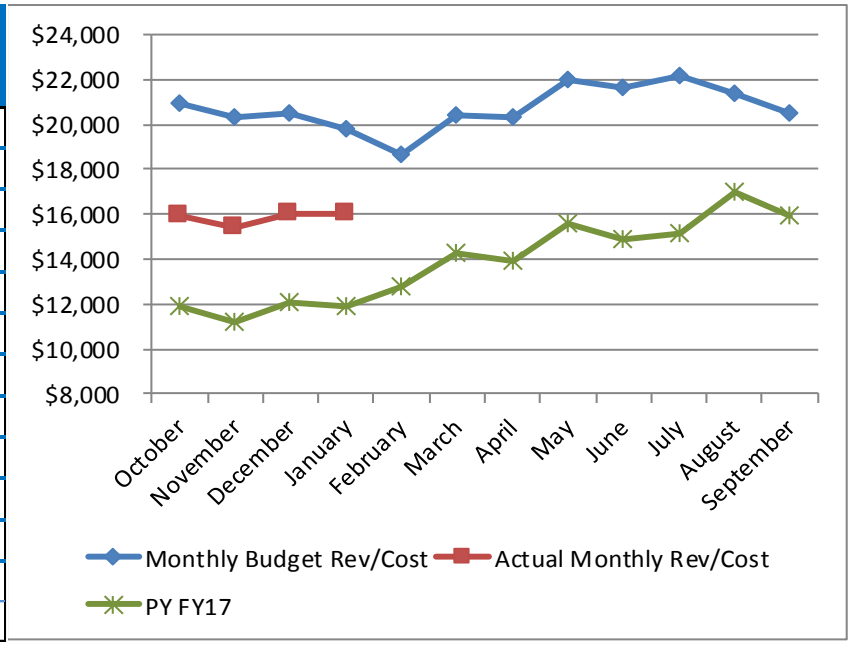


January 2018 Monthly Financial Highlight (Continued)

Fuel Revenue Through January 31, 2018

$000	Monthly Budget Rev/Cost	Actual Monthly Rev/Cost	Variance		PY FY17	CY vs PY Variance	
October	$ 20,928	$ 15,936	$ (4,992)	↑	$ 11,894	$ 4,042	↑
November	20,300	15,400	$ (4,899)	↑	11,215	$ 4,185	↑
December	20,529	16,007	$ (4,522)	↑	12,036	$ 3,971	↑
January	19,774	16,036	$ (3,738)	↑	11,867	$ 4,169	↑
February	18,692				12,751		
March	20,370				14,248		
April	20,361				13,940		
May	21,963				15,596		
June	21,672				14,859		
July	22,185				15,175		
August	21,369				16,947		
September	20,534				15,895		
Total	**$ 248,677**	**$ 63,380**	**$(18,151)**		**$ 166,425**	**$ 16,367**	

Fuel Revenue/ Cost $000



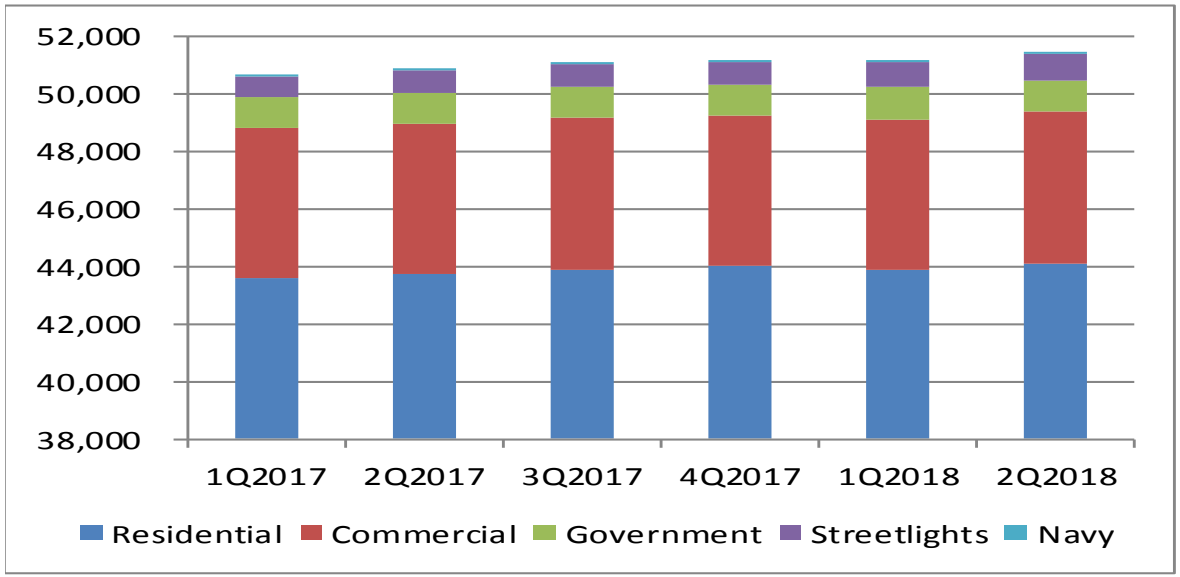
- Under recovery of LEAC - $16.8 million

January 2018 Monthly Financial Highlight (Continued)

Through January 31, 2018

	1Q2017	2Q2017	3Q2017	4Q2017	1Q2018	2Q2018	
Residential	43,582	43,718	43,902	43,991	43,898	44,119	
Commercial	5,235	5,236	5,252	5,226	5,231	5,244	
Government	1,071	1,077	1,071	1,073	1,076	1,083	
Streetlights	722	800	824	823	908	916	
Navy	1	1	1	1	1	1	
	50,611	50,832	51,050	51,114	51,114	51,363	

Number of Customers



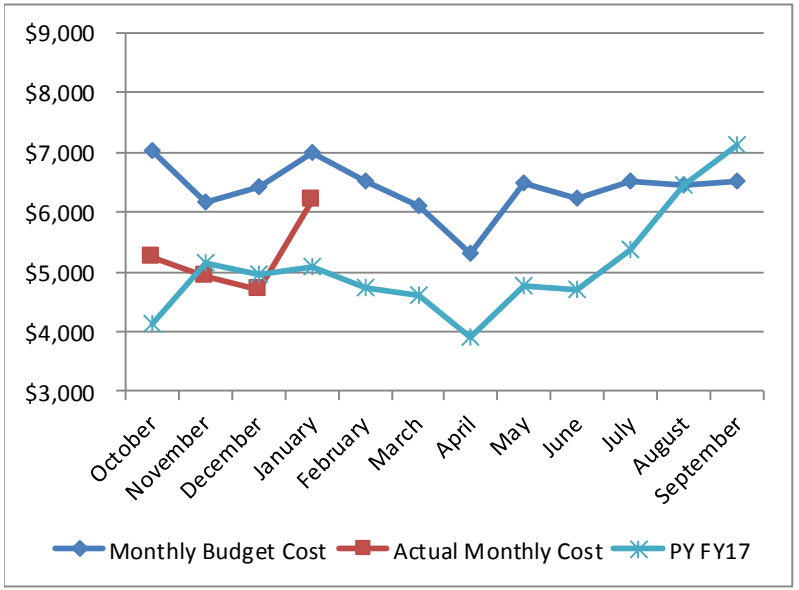
January 2018 Monthly Financial Highlight (Continued)

4

O&M Cost Through January 31, 2018

$000	Monthly Budget Cost	Actual Monthly Cost	Variance		PY FY17	CY vs PY Variance	
October	$ 7,040	5,239	1,801	↑	4,135	(1,103)	↑
November	6,182	4,941	1,240	↑	5,158	217	↑
December	6,428	4,694	1,735	↑	4,966	273	↑
January	7,001	6,204	797	↑	5,092	(1,112)	↑
February	6,522				4,748		
March	6,091				4,612		
April	5,320				3,892		
May	6,495				4,772		
June	6,221				4,702		
July	6,508				5,385		
August	6,462				6,445		
September	6,526				7,138		
Total	**$ 76,796**	**$ 21,078**	**$ 5,573**		**$ 61,045**	**$ (1,726)**	

O&M Cost $000



- DSC greater than target of 1.75

Debt service coverage (DSC) calculation-indentı	2012	2013	2014	2015	2016	2017	YTD Jan. 2018
Senior lien coverage	2.13	3.36	3.16	3.62	3.35	2.81	3.18
Aggregate debt service coverage	1.35	1.88	1.98	2.62	3.35	2.81	3.18
Debt service coverage (DSC) calculation-IPP as O&M							
Senior lien coverage	1.29	2.16	2.25	2.56	2.52	1.95	2.05
Aggregate debt service coverage	0.82	1.21	1.41	1.85	2.52	1.95	2.05

GPA Communications/PIO KPI Status

Week of 19 March 2018

Ratepayer Newsletter

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

Status

1. Compiling April newsletter;
2. Renamed *Insights A Monthly Newsletter GPA Ratepayers*
3. Featured Guampedia recipe and Village fiesta schedule remain for newsletter content;
4. Inclusion of story updates: Update on GPA's land rezoning efforts to build Guam's New 180MW Power Plant,

Accomplishments

1. Completed January, February Ratepayer Newsletter;
2. April issue under construction; will meet deadline

Risks and Issues	Resolution
1. None to report;	

Financial	
Budgeted for FY17	

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention

2017 Annual Report

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

Status

1. Bid Awarded for FY17 Annual Report to Card & Card Advertising
2. Card & Card Advertising compiling 'draft' accomplishments from historical 2017 GPA information and activities; Communications/PIO to review.
3. Will distribute information and survey GPA Work Divisions for FY17 Accomplishments;

Accomplishments

1. None to report.

Risks and Issues	Resolution
1. None to Report	

Financial

None to report	Within Budget	

Legend:

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

Special Projects – Social Media

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

Status

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

Accomplishments

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

Risks and Issues

1. Timely Updates on Forced Outages and Scheduled Outages ;

Resolution

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

Financial

Within budget		

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention

Energy Sense Marketing

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

Status

1. Adztech Advertising continuing Phase II DSM Marketing Plan Goals & Objectives;
2. Deferred contract with KUAM Think Green segment; GPA trade allies completed initial and repeat rounds of advertising – not desiring to continue despite free advertising;
3. Major presence at UOG/2018 CIS Conference featuring 'Guam Energy Sense' to include information table, CSR staffing, promotional items and display of GPA Electric Vehicle

Accomplishments

1. On track to with DSM Phase II Marketing Goals & Objectives

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

Financial

Budget Support for SPORD for Phase II	

Legend:

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

Prepaid & SMS (text) Project

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

Status

1. None to report

Accomplishments

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

Risks and Issues

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

Resolution

Financial

None to report

Legend:

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

Live Streaming of CCU Meetings & Work Sessions

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

Status

1. Forwarded specifications to IT for OR processing;
2. Bid process in progress

Accomplishments

1. None to report

Risks and Issues

1. None to report at this time

Resolution

Financial

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

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention

50th Anniversary Activities

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

Status

1. Planning activities for 50th Anniversary celebration will take into consideration first, 'connecting to' other existing events and programs where our planned programs/business objectives are already in place or underway or concluding; or where funding was already allocated and we can mark or memorialize the occasion.
2. A small committee meeting to select a theme and a larger planning committee of volunteer employees has occurred, with Communications-PIO serving as advisors. There is a GPA Employees Association on Friday, 23 March 2017 to request a coordination of some events.
3. Budget items, (subject to change) to be presented to GM for approval.

Accomplishments

1. Proclamation Signing date combined with 'Roll Call' of 4th Cycle GPA Apprentice Graduates – 08 May 2018; 10:00am, CCU Boardroom.
2. Promotional items – request for quotations sent
3. 50th logo design to be approved.
4. Theme to be approved.

Financial

None to report	

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

Legend:

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

Miscellaneous Activities

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

Status

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

Accomplishments

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

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

Financial	
None to report	

Legend:

No corrective action required

Near-term corrective action required

Requires immediate attention