



FMPA BOARD OF DIRECTORS AGENDA PACKAGE

July 17, 2019

8:00 a.m. [NOTE TIME]

Calusa F-G-H

There is no dial-in or WebEx for this meeting.

Board of Directors

Bill Conrad, Newberry – Chairman
Barbara Quiñones, Homestead – Vice Chair
Larry Mattern, Kissimmee – Treasurer
Lynne Tejada, Key West – Secretary
Rodolfo Valladares, Alachua
Bradley Hiers, Bartow
Vacant, Blountstown
Jody Young, Bushnell
Vacant, Chattahoochee
Lynne Mila, Clewiston
Fred Hilliard, Fort Meade
John Tompeck, Fort Pierce
Tom Brown, Gainesville
Robert Page, Green Cove Springs
Howard McKinnon, Havana
Allen Putnam, Jacksonville Beach

Ed Liberty, Lake Worth
Vacant, Leesburg
Michael Beckham, Lakeland
Vacant, Moore Haven
Charles Revell, Mount Dora
Joe Bunch, New Smyrna Beach
Sandra Wilson, Ocala
Claston Sunanon, Orlando
Vacant, Quincy
Bill Sturgeon, St. Cloud
Robert Milner, Starke
Rob McGarrah, Tallahassee
James Braddock, Wauchula
Scott Lippmann, Williston
Dan D'Alessandro, Winter Park

Meeting Location

**Hyatt Regency Coconut Point Resort and Spa
5001 Coconut Road
Bonita Springs, FL 34134
(239) 444-1234**



MEMORANDUM

TO: FMPA Board of Directors
FROM: Jacob A. Williams, General Manager and CEO
DATE: July 9, 2018
RE: **FMPA Board of Directors Meeting – 8:00 a.m.
 July 17, 2019 [NOTE TIME, PLACE AND DATE]**
PLACE: **Hyatt Regency Coconut Point Resort and Spa, Calusa F-G-H
 5001 Coconut Road, Bonita Springs, FL 34134**
DIAL-IN: **There is no dial-in or webcast available for this meeting.**

AGENDA

Chairman Bill Conrad Presiding

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11. Adjournment..... 82

JW/su

***Item is also on the Executive Committee meeting agenda.**

This public meeting is being held in Bonita Springs, Florida at the above-referenced location. If anyone chooses to appeal any decision that may be made at this public meeting, such person will need a record of the proceedings and should accordingly ensure that a verbatim record of the proceedings is made, which includes the oral statements and evidence upon which such appeal is based. This public meeting may be continued to a date and time certain, which will be announced at the meeting. Any person requiring a special accommodation to participate in this public meeting because of a disability, should contact FMPA at (407) 355-7767 or 1-(888)-774-7606, at least two (2) business days in advance to make appropriate arrangements.

**AGENDA ITEM 1 - CALL TO ORDER,
ROLL CALL, DECLARATION OF
QUORUM**

**Board of Directors Meeting
July 17, 2019**

**AGENDA ITEM 2 – RECOGNITION OF
GUESTS**

**Board of Directors Meeting
July 17, 2019**

**AGENDA ITEM 3 – PUBLIC
COMMENTS (Individual Public
Comments Limited to 3 Minutes)**

**Board of Directors Meeting
July 17, 2019**

**AGENDA ITEM 4 – SET AGENDA (By
Vote)**

**Board of Directors Meeting
July 17, 2019**

**AGENDA ITEM 5 – REPORT FROM
THE GENERAL MANAGER**

**Board of Directors Meeting
July 17, 2019**

Fiscal 2019 Management Goals Scorecard, as of June 30, 2018



Goal	Status	Actual	YTD		FY 2019 Target	Comment
			Actual	Target		
1. Safety (no lost-time accidents for employees or agents)		-	1	0	0	Zero lost-time accidents.
2a. Compliance (no violations that are not self-reported)	Environ.			0	0	Zero compliance violations.
	Financial			0	0	
	Regulatory			0	0	
2b. Cyber Security (zero cyber breaches: Corp IT & Plant Ops)				0	0	
2c. Phishing Testing		1.4%	11.7%	<10%	<10%	Email re: credit card charge.
3. Low Costs (\$/MWh)	Controllable		41.29	54.41	57.77	Actual data through May 2019 and will be updated prior to meeting. YTD energy sales 3%> budget, O&M costs \$3M < budget help drive YTD costs 3% < budget
	Fuels		22.62	23.91	22.98	
	All-in		63.91	78.32	80.75	
4. Reliability (EAF for base-load units)		100%	93.6%	85%	88%	100% reliability for all base load units in June. Less forced outage hours than expected YTD.

(Continued) Management Goals Scorecard, as of June 30, 2018



Goal	Status	Comment
5. Excess Capacity Reduction (reduce costs of 35 MW)		Homestead proposal still pending, feedback expected in late July. Exploring additional capacity/energy sale opportunities with nationwide marketers.
6. Generation Team Fleet Resource Sharing (80 days)		Total of 93 days FYTD! Cane Island staff to Treasure Coast. 7 Days in June.
7. Member Visits by Leadership Team (75 visits)		9 visits in June. 92 visits YTD.
8. Member Services		19 YTD. Added this month the mapping effort for Havana.
10 project oversight		8 YTD. No new meetings for June. Windmill Training July 11. Substation class August 20 & 21. Planning distribution system operators roundtable for August.
13 regional trainings		

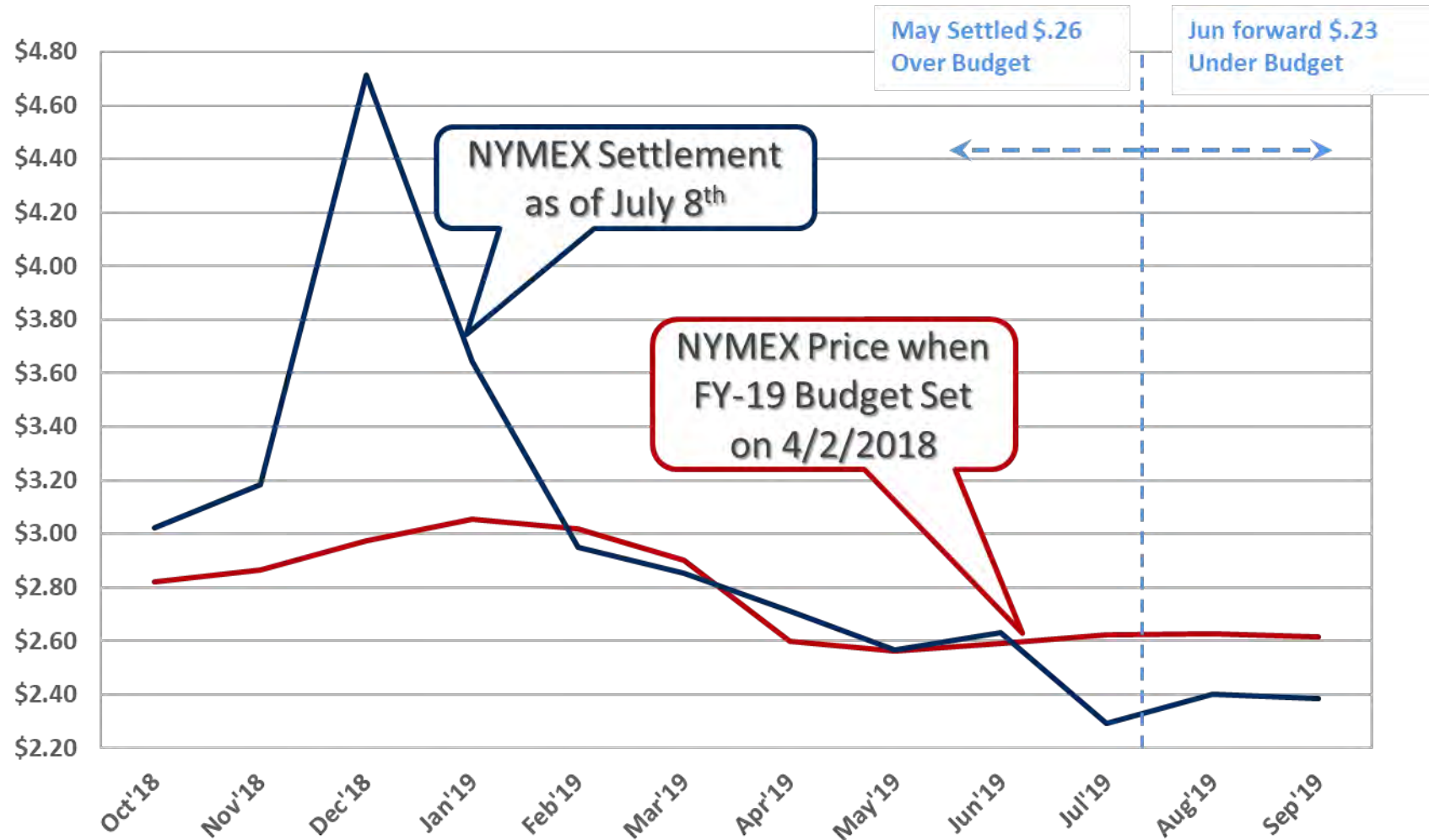
(Continued) **Management Goals Scorecard**, as of June 30, 2018



Goal	Status	Comment
9. Develop 2nd Low-Cost Solar Project Opportunity		Kick-Off meeting with Origis held June 26; PPA development in progress. Draft Participation Agreements distributed to Members June 27. Member MW subscriptions July 17.
10. Financial Transactions (gas prepay; St. Lucie debt)		Closed Pooled Loan agreement between FMPA and Capital. Working on closing loan with the City of Bushnell.
11. People & Employee Retention (climate survey; train managers; quarterly report to Board of Directors)		Kick-off meeting with the Leadership Coach Monday, July 15, 2019. DiSC 360's will begin next week. Coach will meet individually with each member of the leadership team in August to discuss the results. Leadership team meeting will be scheduled in September. Continued work on the four focus areas and improving performance evaluations.
12. Process Improvement (redesign invoice payments; define Internal Audit scope)		

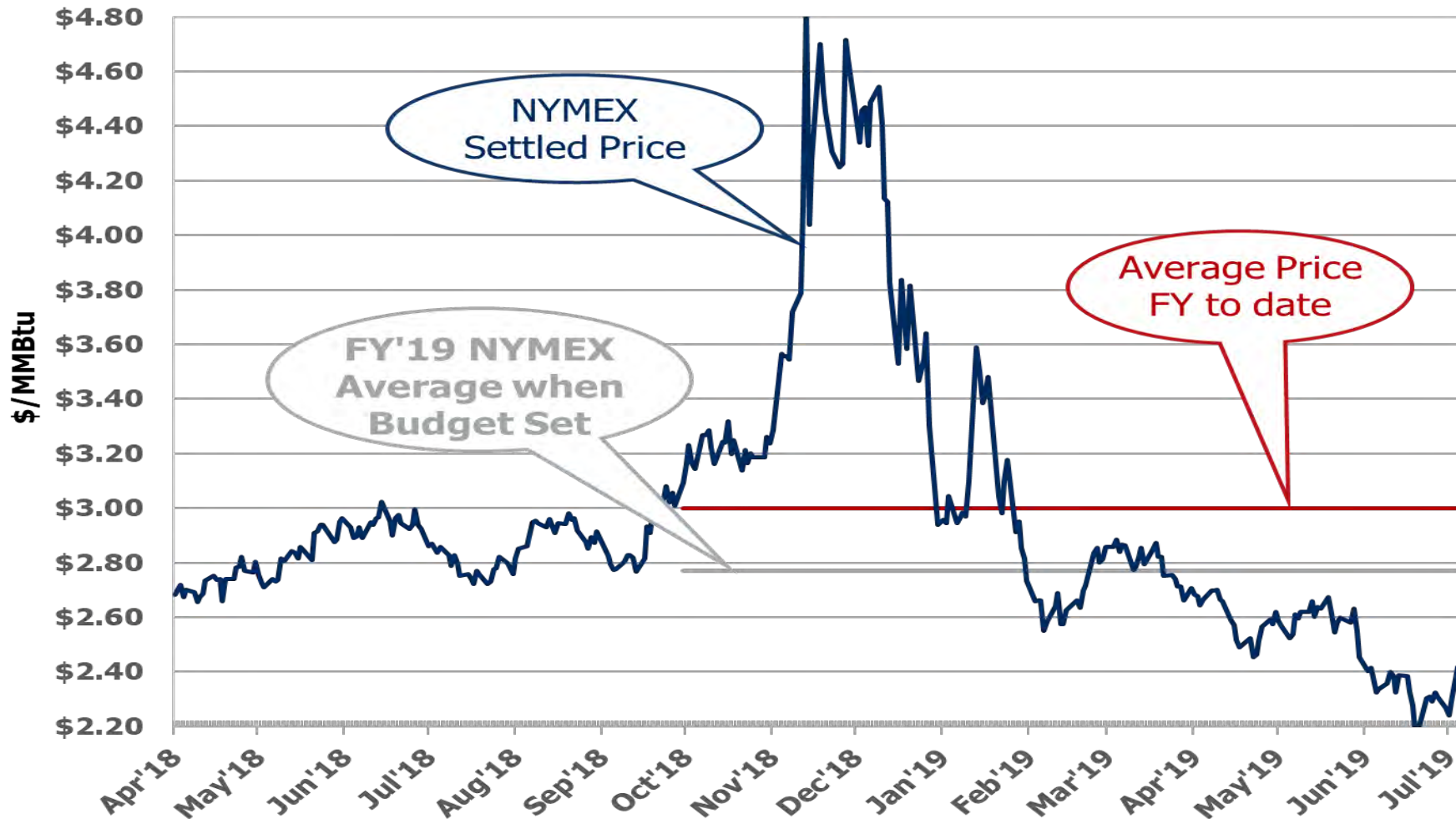
FY 2019 NYMEX Contract \$0.17/MMBtu Above Budget

NYMEX Natural Gas Settlement (as of 7/8/19)



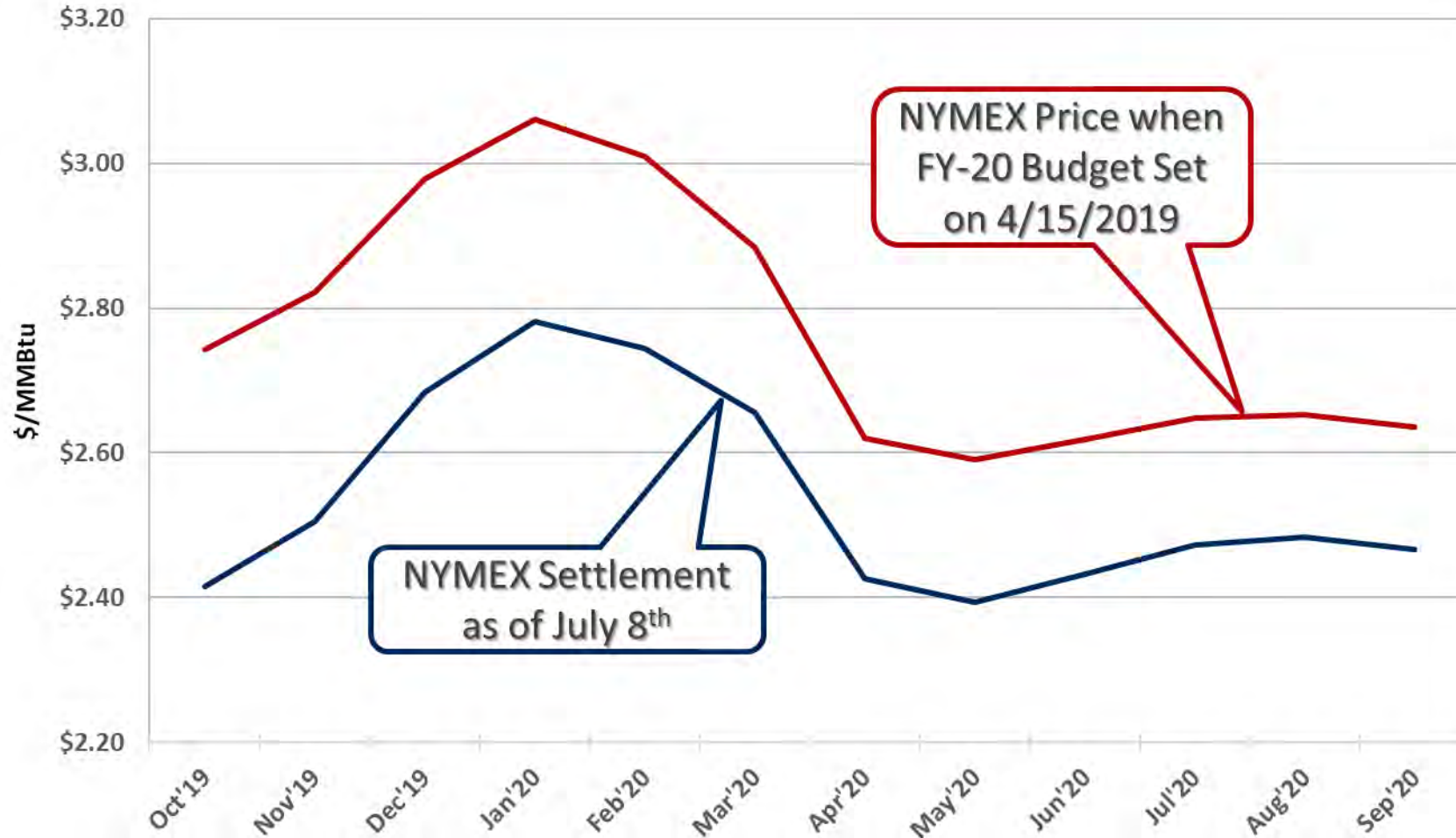
Daily NYMEX Strip Action for since FY19 Budget Set

FY19 Daily Settled Price \$0.22 above Budget as of July 8th



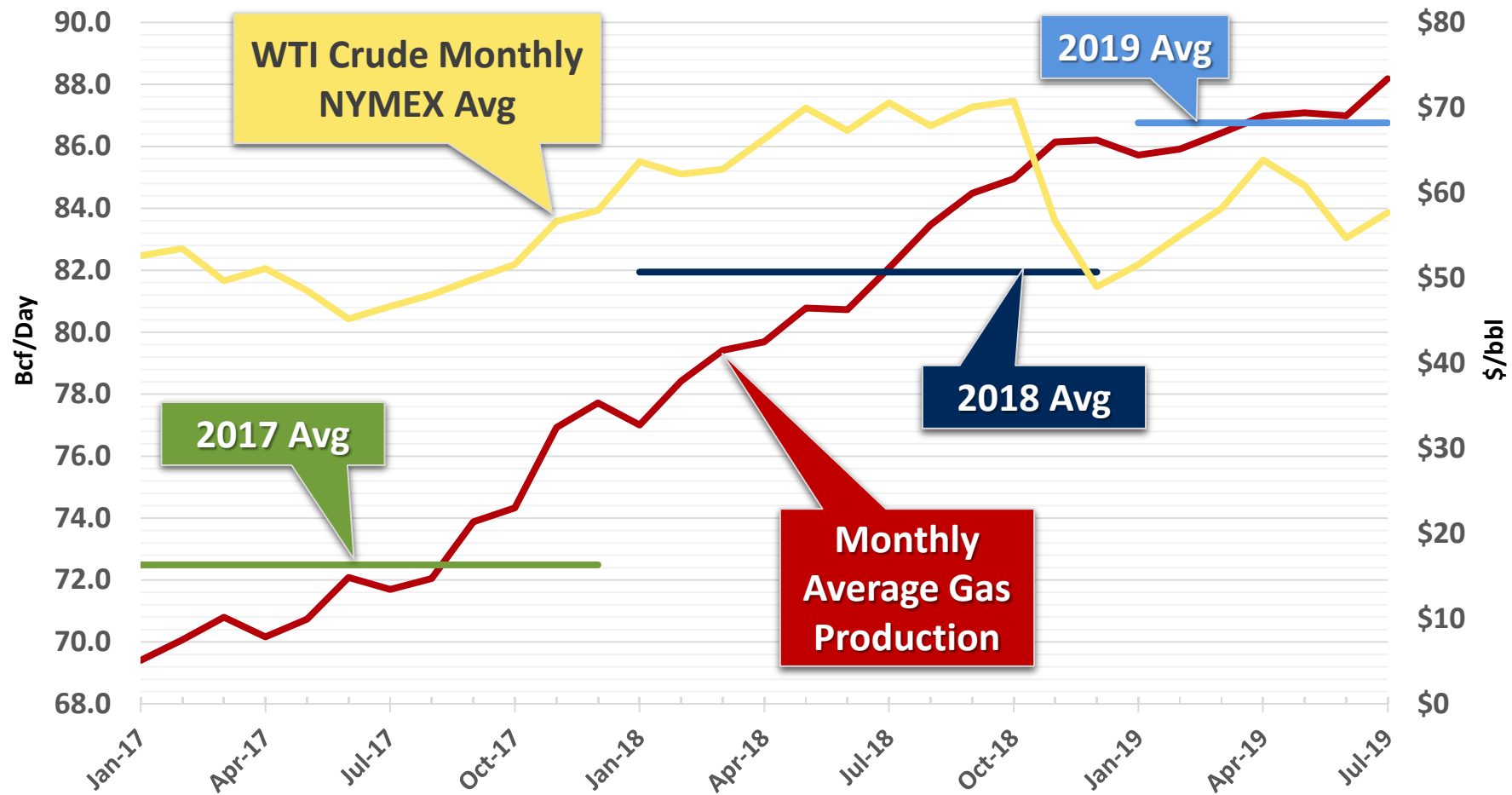
FY 2020 NYMEX Contract \$0.23/MMBtu Below Budget

NYMEX Natural Gas Settlement (as of 7/8/19)



Natural Gas Production Following Changes in Oil Prices

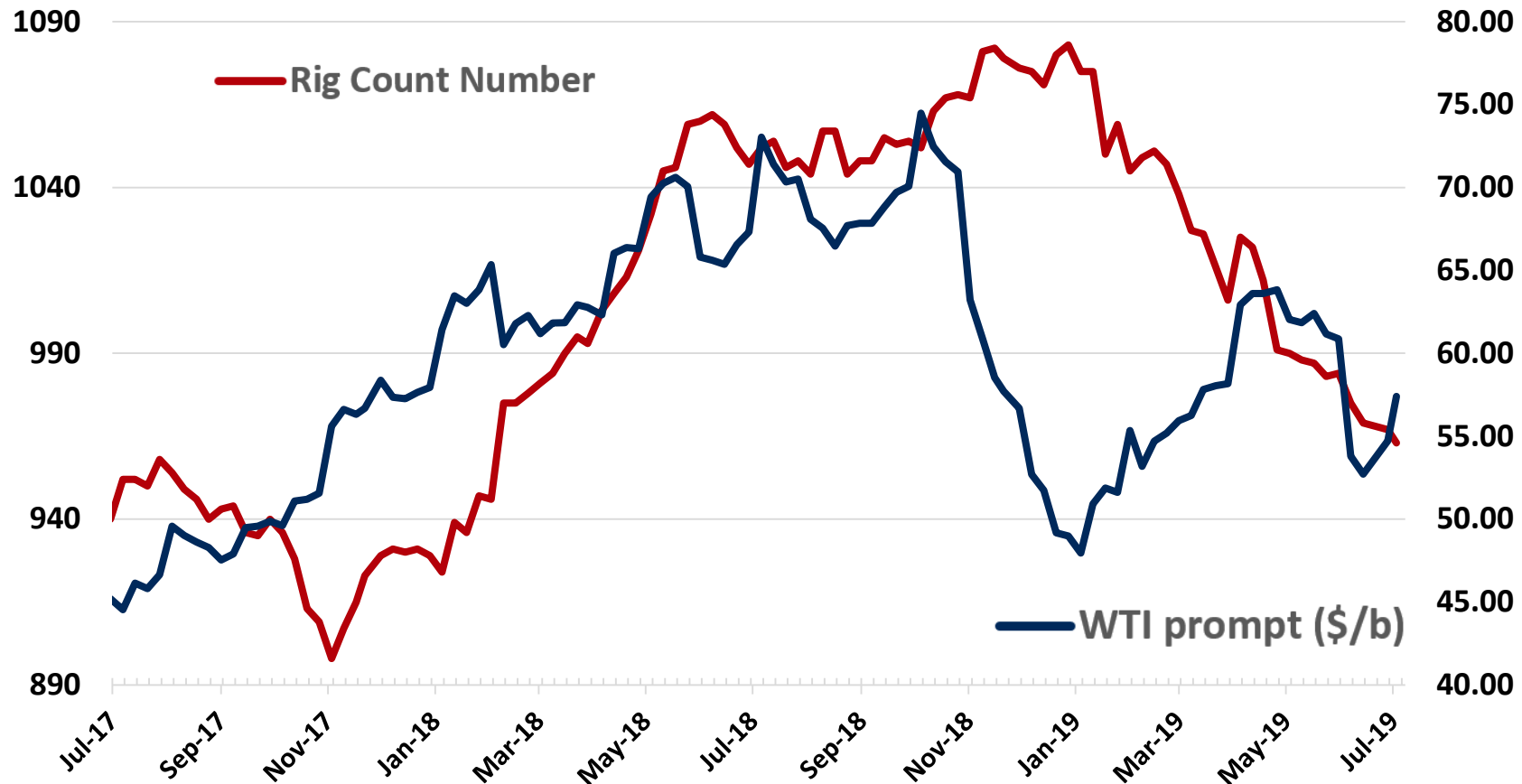
Average Monthly Change Since 2017 to Date (7/8/19)



Drilling Rig Growth Recovering with Rise in Oil Prices

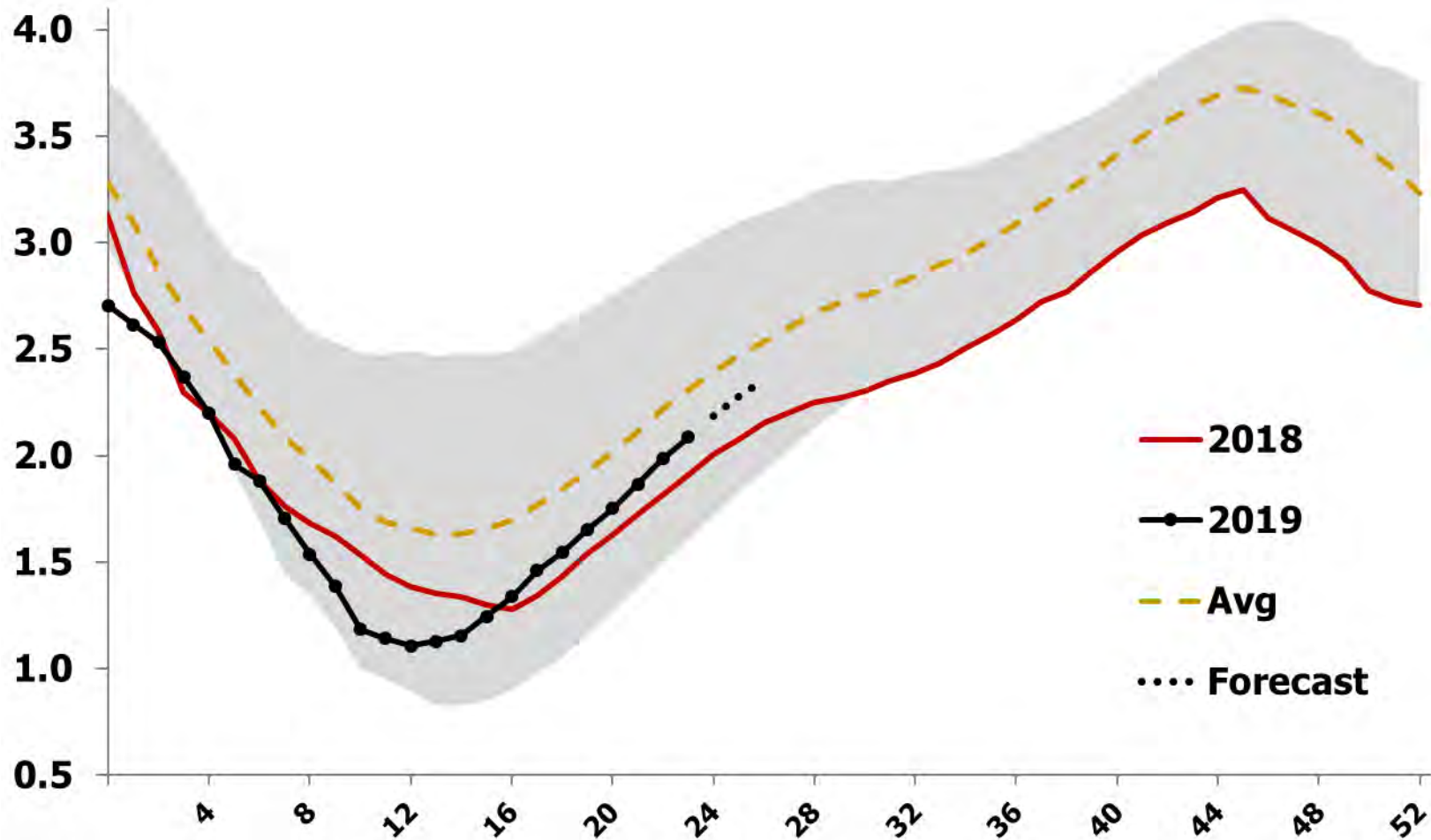
Drilling Rig Expansion impacted by the changes in WTI Price

US Drilling Rig Count vs WTI Prompt



Gas Storage Inventory as of Week Ending Jun 28th

Injection Season trending above 2018 levels, approaching 5 Year Average



VERBAL REPORT

**AGENDA ITEM 6 – SUNSHINE LAW
UPDATE**

**Board of Directors Meeting
July 17, 2019**

**AGENDA ITEM 7 – CONSENT
AGENDA**

- a. Approval of the Minutes for the Meeting Held June 20, 2019 and Solar Project Phase II Minutes – Meetings Held April 12, 2019 and June 6, 2019**

**Board of Directors Meeting
July 17, 2019**

MINUTES
FMPA BOARD OF DIRECTORS MEETING
FLORIDA MUNICIPAL POWER AGENCY
8553 COMMODITY CIRCLE
ORLANDO, FL 32819
THURSDAY, JUNE 20, 2019
8:30 A.M.

MEMBERS PRESENT Jody Young, Bushnell
Lynne Mila, Clewiston (via telephone)
Fred Hilliard, Fort Meade (via telephone)
John Tompeck, Fort Pierce
Tom Brown, Gainesville (via telephone)
Bob Page, Green Cove Springs
Howard McKinnon, Havana
Barbara Quiñones, Homestead
Allen Putnam, Jacksonville Beach
Larry Mattern, Kissimmee
Michael Beckham, Lakeland (via telephone)
Charles Revell, Mount Dora (via telephone)
Joe Bunch, New Smyrna Beach
Mike Poucher, Ocala
Claston Sunanon, Orlando
Bill Sturgeon, St. Cloud (via telephone)
Robert Milner, Starke (via telephone)
Rob McGarrah, Tallahassee (via telephone)
James Braddock, Wauchula * (via telephone)
Dan D'Alessandro, Winter Park

*joined after roll call.

OTHERS PRESENT Paul Jakubczak, Fort Pierce
Karen Nelson, Jacksonville Beach
Efren Chavez, New Smyrna Beach
Rob Taylor, GDS Associates
Mark White, Purvis Gray and Company
Tim Westgate, Purvis Gray and Company
Steven Stein, nFront Consulting

STAFF PRESENT Jacob Williams, General Manager and CEO
Jody Finklea, General Counsel and CLO
Ken Rutter, Chief Operating Officer
Linda S. Howard, Chief Financial Officer

Mark McCain, Assistant General Manager, Member Services and Public Relations
Dan O'Hagan, Assistant General Counsel and Regulatory Compliance Counsel
Rich Popp, Treasurer and Risk Director
Chris Gowder, Business Development and Planning Manager
Sue Utley, Executive Asst. /Asst. Secy. to the Board
Mike McCleary, Manager of Member Services Development
Jason Wolfe, Financial Planning, Rates and Budget Director
Luis Cruz, Information Technology Manager
Tim Jackson, Generation Asset Engineer
Jamie Noon, Project Analyst
Jesse Rivera, Information Technology Support Specialist
Isabel Montoya, Information Technology Specialist

ITEM 1 - CALL TO ORDER, ROLL CALL AND DECLARATION OF QUORUM

Vice Chairman Barbara Quiñones, Homestead, called the Board of Directors meeting to order at 8:30 a.m. on Thursday, June 20, 2019, in the Frederick M. Bryant Board Room at Florida Municipal Power Agency, 8553 Commodity Circle, Orlando, Florida. The roll was taken and a quorum was declared with 19 members present representing 30.5 votes out of a possible 47.5. James Braddock, Wauchula, joined via telephone after roll call bringing the total members present to 20 representing 31.5 votes out of a possible 47.5

ITEM 2 – Recognition of Guests

Vice Chair Barbara Quiñones recognized Efren Chavez, Finance Director for the Utilities Commission of New Smyrna Beach and Mark White and Tim Westgate of Purvis Gray and Company.

ITEM 3 – PUBLIC COMMENTS (Individual Public Comments Limited to 3 Minutes)

None

ITEM 4 – SET AGENDA (by vote)

MOTION: Howard McKinnon, Havana, moved approval of the agenda as presented. Allen Putnam, Jacksonville Beach, seconded the motion. Motion carried 31.5 – 0.

ITEM 5 – REPORT FROM THE GENERAL MANAGER

Jacob Williams reported on the following items:

1. Goals Scorecard
2. FMPA's Internal Hurricane Drill held May 30
3. Cyber Security Supply Chain matters are a growing concern and APPA's upcoming Southeast Cyber Summit July 10-11 in Orlando

4. PGP asset sale
5. Process Improvement Team update
6. Upcoming Salary Survey on Lineworkers – FMPA’s HR to provide to members
7. Upcoming FMEA Annual Conference July 16-18 in Bonita Springs
8. Recent APPA National Conference and breakfast for Florida delegation was well attended
9. FMPA did not renew the contract for Public Trust Advisors

ITEM 6 – SUNSHINE LAW UPDATE

Dan O’Hagan reported on Florida State University’s plan to privatize their athletics department.

ITEM 7 – CONSENT AGENDA

- a. Approval of Minutes – Meeting Held May 16, 2019
- b. Approval of the Projects’ Financials as of April 30, 2019
- c. Approval of the Treasury Reports as of April 30, 2019

MOTION: Allen Putnam, Jacksonville Beach, moved approval of the Consent Agenda as presented. Howard McKinnon, Havana, seconded the motion. Motion carried 31.5 – 0.

ITEM 8 – ACTION ITEMS

a. Approval of FMPA-ECG Alliance Agreement – Service Confirmation and Budget for FY 2020

Mike McCleary gave a presentation on the FMPA-ECG Alliance Agreement and budget for FY 2020.

MOTION: Howard McKinnon, Havana, moved approval of the ECG Service Confirmation for ECG’s Fiscal Year 2020 (July 1, 2019, through June 30, 2020) and authorize the General Manager and CEO to execute the ECG Service Confirmation. Charles Revell, Mount Dora, seconded the motion. Motion carried 31.5 – 0.

b. Approval of External Audit Firm

Linda S. Howard reported on the Finance Committee’s recommendation for FMPA’s external auditors.

MOTION: Howard McKinnon, Havana, moved approval of the selection of Purvis Gray as the Board of Director’s choice to continue as FMPA’s external audit firm with a contract beginning with fiscal year 2019 for a three year term, with 2 one-year renewal

options, subject also to the condition that the lead partner be shifted to someone who has not previously led and FMPA audit effort. Staff is authorized to negotiate terms and conditions with Purvis Gray and the General Manager and CEO are authorized to execute an appropriate agreement, subject to review by General Counsel. Allen Putnam, Jacksonville Beach, seconded the motion. Motion carried 29.5 – 2. Green Cove Springs voted nay.

c. Approval of Resolution 2019-B5 – Approval of the Stanton, Tri-City Stanton II, St. Lucie, Solar and Pooled Loan Project Budgets for Fiscal Year 2020 and Agency Allocations

Jason Wolfe and Denise Fuentes presented the Projects' budgets and agency allocations.

Resolution 2019-B5 was read by title:

RESOLUTION OF THE BOARD OF DIRECTORS OF THE FLORIDA MUNICIPAL POWER AGENCY: (I) ESTABLISHING, APPROVING, AND ADOPTING THE ANNUAL BUDGETS FOR THE PROJECTS OF THE FLORIDA MUNICIPAL POWER AGENCY, OTHER THAN THE ALL-REQUIREMENTS POWER SUPPLY PROJECT, AS FOLLOWS:

FIFTY-NINE MILLION TWO HUNDRED EIGHTY-SIX THOUSAND DOLLARS (\$59,286,000) FOR THE ST. LUCIE PROJECT,

TWENTY-ONE MILLION SIX HUNDRED TWO THOUSAND DOLLARS (\$21,602,000) FOR THE STANTON PROJECT,

FIFTY-THREE MILLION THREE HUNDRED FIFTEEN THOUSAND DOLLARS (\$53,315,000) FOR THE STANTON II PROJECT,

SEVEN MILLION THREE HUNDRED FOURTY-THREE THOUSAND DOLLARS (\$7,343,000) FOR THE TRI-CITY PROJECT,

ZERO DOLLARS (\$0) FOR THE SOLAR PROJECT,
AND

FORTY THOUSAND TWO HUNDRED THIRTY-FIVE DOLLARS (\$40,235) FOR THE INITIAL POOLED LOAN PROJECT

FOR THE FISCAL YEAR BEGINNING OCTOBER 1, 2019, AND ENDING SEPTEMBER 30, 2020, AND THE CORRESPONDING BUDGET DOCUMENTS; (II) DEFINING BUDGET AMENDMENTS; (III) ESTABLISHING LEVELS OF APPROVAL REQUIRED FOR BUDGET AMENDMENTS; (IV) PROVIDING FOR ACCOUNT ADJUSTMENTS; (V) PROVIDING FOR LAPSE OF UNEXPENDED FUNDS; (VI) PROVIDING FOR ALLOCATIONS OF THE FLORIDA MUNICIPAL POWER AGENCY GENERAL BUDGET TO THE PROJECTS; (VII) PROVIDING FOR INTERIM FUNDING AND REIMBURSEMENT FROM DEBT FINANCING OF CAPITAL IMPROVEMENTS AND PROVIDING FOR THE RELATED DELEGATION TO AUTHORIZED OFFICERS; (VIII) MAKING A DETERMINATION OF A PUBLIC PURPOSE FOR BUDGETED EXPENDITURES; (IX) PROVIDING FOR A CAP ON FINANCIAL ADVISOR FEES; (X) PROVIDING FOR SEVERABILITY; AND (XI) PROVIDING AN EFFECTIVE DATE.

MOTION: Larry Mattern, Kissimmee, moved adoption of the Budget Resolution 2019-B5, which will approve the Fiscal Year 2020 St. Lucie, Stanton, Tri-City, Stanton II, Solar and Pooled Loan Project Budgets and the Fiscal Year 2020 Agency Allocations. Howard McKinnon, Havana, seconded the motion. Motion carried 31.5 – 0.

d. Approval of Bank for the Pooled Loan Project

Linda Howard presented the approval for the bank for the Pooled Loan Project.

MOTION: Howard McKinnon, Havana, moved approval of going forward with Capital Bank. Larry Mattern, Kissimmee, seconded the motion. Motion carried 31.5 – 0.

ITEM 9 – INFORMATION ITEMS

a. Quarterly Compliance Update

Brandon McCormick presented the quarterly compliance update to the Board.

b. Quarterly Human Resources Report

Sharon Adams reported the quarterly Human Resources report.

c. Solar Project Phase II Update

Chris Gowder updated the Board on the Solar Project Phase II.

ITEM 10 – MEMBER COMMENTS

Dan D'Alessandro, Winter Park, thanked Navid and the FMPA staff for all their help with preparing a White Paper on Winter Park's rate restructuring.

ITEM 11 – ADJOURNMENT

There being no further business, the meeting was adjourned at 10:49 a.m.

Bill Conrad
Chairman, Board of Directors

Lynne Tejada
Secretary

Approved: _____

Seal

BC/LT/su

MINUTES
FLORIDA MUNICIPAL SOLAR PROJECT PHASE II
TELEPHONIC MEETING MINUTES
APRIL 12, 2019
FLORIDA MUNICIPAL POWER AGENCY
8553 COMMODITY CIRCLE, ORLANDO, FL 32819

MEMBERS PRESENT

John Tompeck, Fort Pierce (via telephone)
Paul Jakubczak, Fort Pierce (via telephone)
Bob Page, Green Cove Springs (via telephone)
Lynne Tejeda, Key West (via telephone)
Ed Liberty, Lake Worth (via telephone)
Joe Bunch, New Smyrna Beach (via telephone)
Tim Beyrle, New Smyrna Beach (via telephone)
Mike Poucher, Ocala (via telephone)

STAFF PRESENT:

Jacob Williams, General Manager and CEO
Ken Rutter, Chief Operating Officer
Linda Howard, Chief Financial Officer (via telephone)
Mark McCain, Assistant General Manager, Member Services and Public Relations
Dan O'Hagan, Deputy General Counsel
Sharon Adams, Human Resources Director
Susan Schumann, Manager of External Affairs and Solar Projects
Chris Gowder, Business Development and Planning Director
Navid Nowakhtar, Business Development and Resource Planner
Sue Utley, Exec. Asst. to CEO/Asst. Secy. to the Board

Item 1 - Call to Order, Identification of Attendees

The workshop convened at 9:02 a.m. on Friday, April 12, 2019 by telephone. A speaker telephone for public attendance and participation was located in the 1st Floor Conference Room at Florida Municipal Power Agency, 8553 Commodity Circle, Orlando, Florida.

Item 2 – Public Comments

None.

Item 3 – Workshop Discussion

- a. Discuss Bidder Responses to Solar PV Purchase Agreement
- b. Preliminary Schedule
- c. Member Interest and Commitments

Chris Gowder discussed the above topics with the Members. Discussion ensued.

Item 4 - Comments

None

Item 5 - Adjournment

There being no further business, the meeting was adjourned at 9:37 a.m.

Approved

MINUTES
TELEPHONIC FLORIDA MUNICIPAL SOLAR PROJECT PHASE II WORKSHOP
JUNE 6, 2019
10 AM
FLORIDA MUNICIPAL POWER AGENCY
8553 COMMODITY CIRCLE
ORLANDO, FL 32819

MEMBERS PRESENT VIA TELEPHONE Brad Hiers, Bartow
John Tompeck, Fort Pierce
Paul Jakubczak, Fort Pierce
Ed Liberty, Lake Worth Beach
Dallas Lee, Newberry
Sandra Wilson, Ocala
Mike Poucher, Ocala

STAFF PRESENT:

Jacob Williams, General Manager and CEO
Ken Rutter, Chief Operating Officer
Linda Howard, Chief Financial Officer (via telephone)
Mark McCain, Assistant General Manager, Member Services and Public Relations
Dan O'Hagan, Deputy General Counsel
Susan Schumann, Manager of External Affairs and Solar Projects
Chris Gowder, Business Development and Planning Director
Navid Nowakhtar, Business Development and Resource Planner
Sue Utley, Exec. Asst. to CEO/Asst. Secy. to the Board

1. Call to Order, Identification of Attendees

The workshop convened at 10:00 a.m. on Thursday, June 6, 2019 by telephone. A speaker telephone for public attendance and participation was located in the 1st Floor Conference Room at Florida Municipal Power Agency, 8553 Commodity Circle, Orlando, Florida.

2. Public Comments (Individual Public Comments Limited to 3 Minutes Each)

None

3. Workshop Discussion

a. Solar Phase II Participants' Discussion

Chris Gowder gave an update on the Solar Phase II Project status.

b. Recommendation to Move Forward With Negotiations

Chris Gowder gave an update on the bidders and recommended to the Participants that FMPA staff negotiate with the preferred bidder.

The consensus from the Participants was to move forward with negotiations.

4. Comments

None.

5. Adjournment

There being no further business, the meeting was adjourned at 10:40 a.m.

Approved

**AGENDA ITEM 7 – CONSENT
AGENDA**

- b. Approval of the Projects’
Financials as of May 31, 2019**

**Board of Directors Meeting
July 17, 2019**



Linda S. Howard, CPA, CFP
Chief Financial Officer

AGENDA PACKAGE MEMORANDUM

TO: FMPA Board of Directors
FROM: Linda Howard
DATE: July 9, 2019
ITEM: 7b – Approval of Projects’ Financials as of May 31, 2019

Discussion: The summary financial statements and detailed financial statements of the Projects for the period ended May 31, 2019 are posted on the Document Portal section of FMPA’s website.

Recommended: Move approval of the Projects’ Financial Reports for the month ended May 31, 2019.

LH/GF

**AGENDA ITEM 7 – CONSENT
AGENDA**

- c. Approval of the Treasury
Reports as of May 31, 2019**

**Board of Directors Meeting
July 17, 2019**



AGENDA PACKAGE MEMORANDUM

TO: FMPA Board of Directors
 FROM: Gloria Reyes
 DATE: July 9, 2019
 ITEM: BOD 7(c) – Approval of Treasury Reports as of May 31, 2019

Introduction This agenda item is a quick summary update of the Treasury Department’s functions.

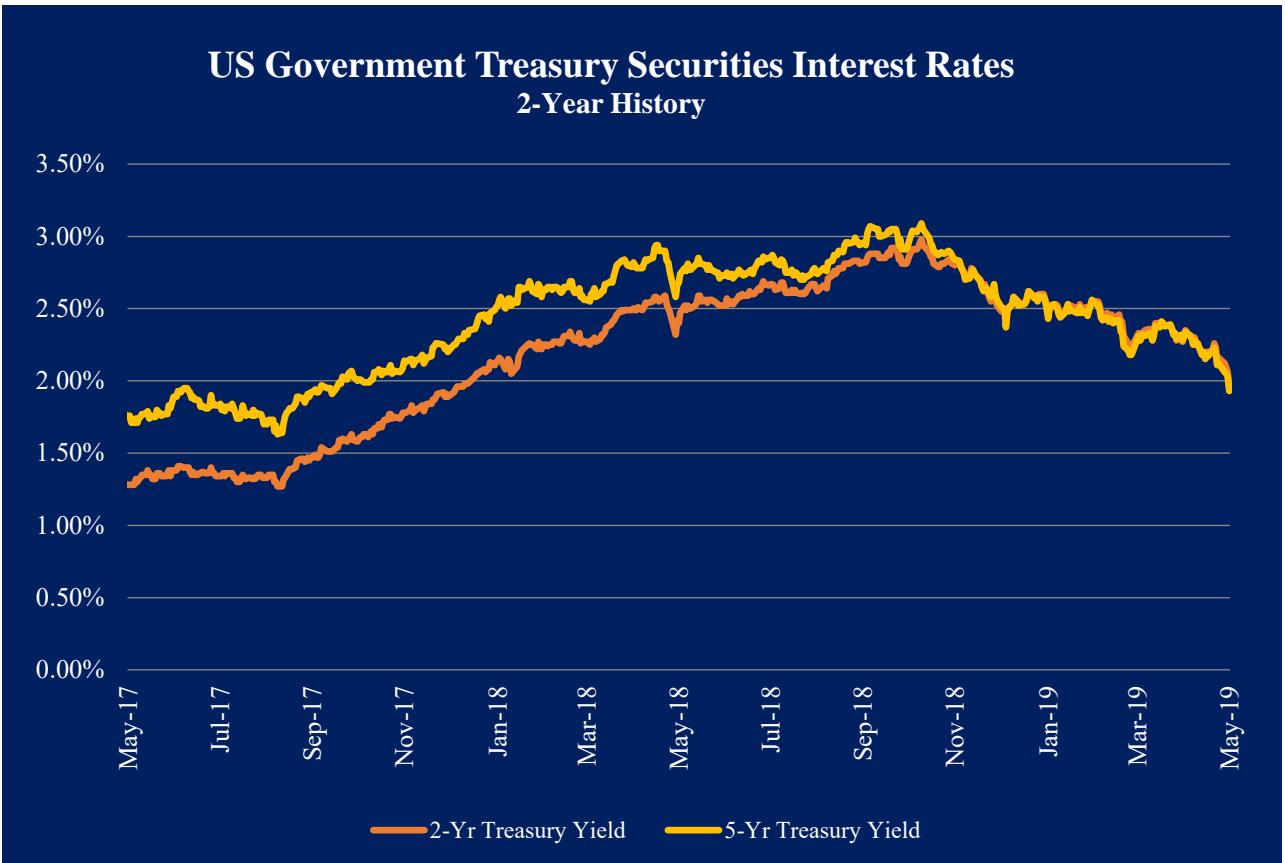
The Treasury Department reports for May are posted in the member portal section of FMPA’s website.

Debt Discussion Below is a summary of the total debt outstanding and the percentage of debt that was fixed, variable or synthetically fixed with interest rate swaps as of May 31, 2019.

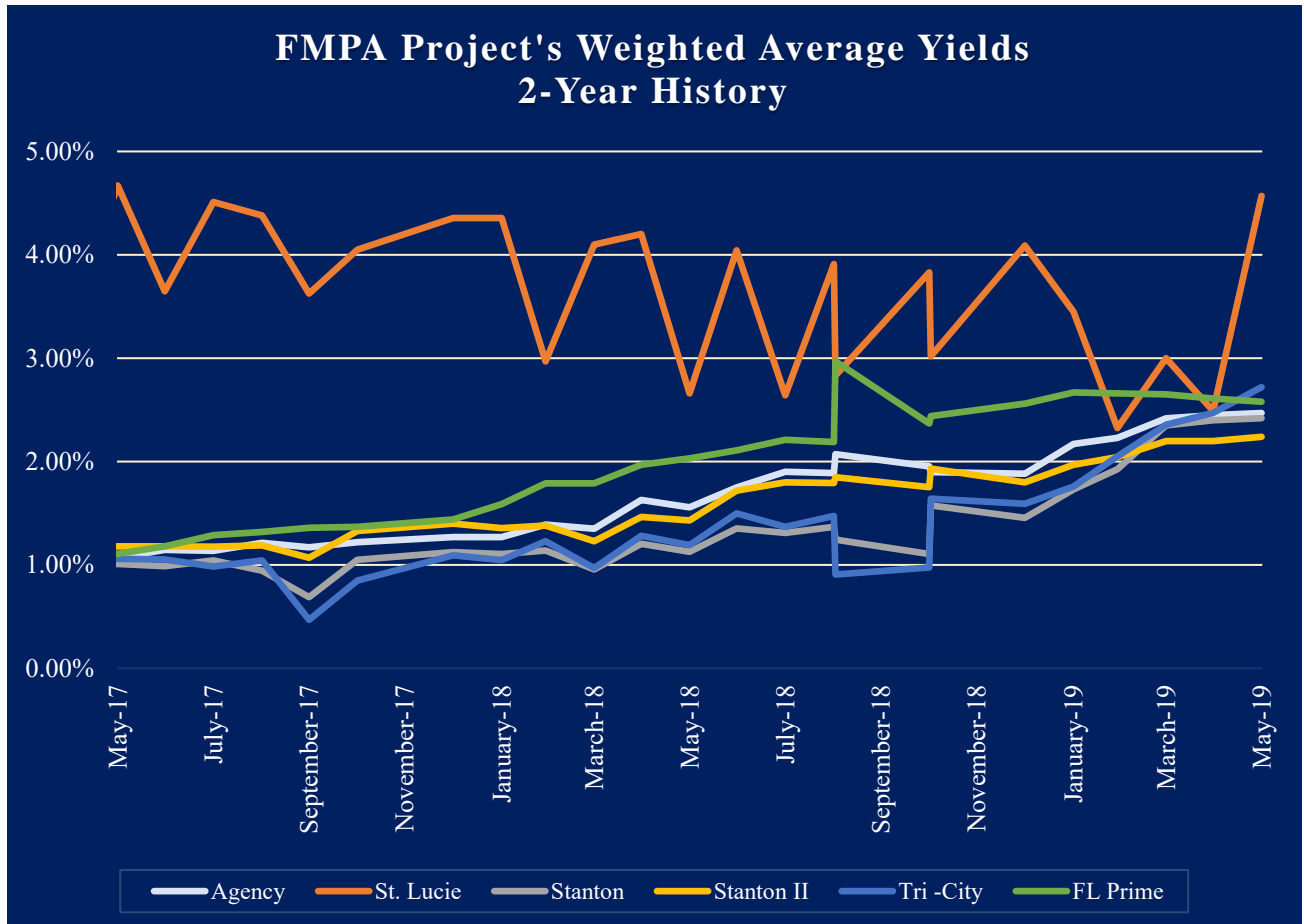
	Total debt Outstanding	Fixed Rate	Variable Rate	Synthetically Fixed
Agency	220,000	100%	0%	0%
St Lucie	134,850,000	100%	0%	0%
Stanton	8,985,000	100%	0%	0%
Stanton II	122,801,000	100%	0%	0%
Tri City	3,290,000	100%	0%	0%

Investment Discussion The investments in the Projects are comprised of debt from the government-sponsored enterprises such as the Federal Farm Credit Bank, Federal Home Loan Bank, Federal Home Loan Mortgage Corporation (Freddie Mac), and Federal National Mortgage Association (Fannie Mae), as well as investments in U.S. Treasuries, Commercial Paper, Municipal Bonds, Corporate Notes and Money Market Mutual Funds.

Below is a graph of US Treasury yields for the past 2 years. The orange line is the 2-year Treasury which closed the month of May at 1.95%. The yellow line is the 5-year Treasury which was 1.93%.



The weighted average yields on investments earned as of May 31, 2019 in the Projects, along with their benchmark (SBA’s Florida Prime Fund), are as follows:



Recommended
 Motion

Move approval of the Treasury Reports for May 31, 2019.

AGENDA ITEM 8 – ACTION ITEMS

- a. Approval of Resolution 2019-B6 –
Resolution of Appreciation for
William H. “Bill” Conrad (Jacob
Williams)**

**Board of Directors Meeting
July 17, 2019**



Resolution of Appreciation
for
Bill Conrad

Whereas, Bill Conrad has selflessly dedicated his time and talents to the Florida Municipal Power Agency, contributing countless hours to FMPA's business activities during the past 10 years in which he has been associated with the Agency; and,

Whereas, Bill Conrad has distinguished himself as a leader of FMPA, serving six years as Chairman of FMPA's Board of Directors, one year as Treasurer, and two years as Vice Chair of FMPA's Policy Makers Liaisons Committee; and,

Whereas, Bill Conrad has faithfully represented the City of Newberry during his service on FMPA's Board of Directors and FMPA's Executive Committee since 2009, and his service on FMPA's Policy Makers Liaisons Committee since 2011; and,

Whereas, Bill Conrad has long been a champion of reducing electricity costs for consumers, and during his chairmanship, FMPA made significant improvements in providing competitively priced, reliable power and value-added services for FMPA's members; and,

Whereas, Bill Conrad guided FMPA's Board of Directors through a successful CEO selection process in 2016 that supported FMPA's vision to be the lowest cost, most reliable and cleanest wholesale power provider in Florida; and,

Whereas, Bill Conrad has championed the interests and values of all municipal electric utilities by being an active member of the American Public Power Association and the Florida Municipal Electric Association, representing municipal electric utilities before elected officials at the local, state and national levels; and,

Whereas, Bill Conrad has served as the Chairman of FMPA's Board of Directors since 2013, providing leadership and guidance that will be greatly missed upon reaching the term limit for the position.

Now, therefore, let it be known to all that the members of the Florida Municipal Power Agency will be forever grateful to Bill Conrad for his six years of service and significant leadership as Chairman.

Furthermore, this Resolution of Appreciation shall become a permanent public record of the Florida Municipal Power Agency as a tribute to his service.

We, the Board of Directors of the Florida Municipal Power Agency, in a unanimous vote adopt this Resolution of Appreciation on this 17th day of July, Two Thousand and Nineteen.

Florida Municipal Power Agency

(Seal)

By: _____
Barbara Quiñones, Chair

By: _____
Lynne Tejeda, Vice Chair

AGENDA ITEM 8 – ACTION ITEMS

- b. Approval of Resolution 2019-B7 –
Resolution of Appreciation for
Charles Revell (Chairman Bill
Conrad / Jacob Williams)**

**Board of Directors Meeting
July 17, 2019**



Resolution of Appreciation
for
Charles Revell

Whereas, Charles Revell has selflessly dedicated his time and talents to the Florida Municipal Power Agency, contributing countless hours to FMIPA's business activities during the past 15 years in which he has been associated with the Agency; and,

Whereas, Charles Revell has faithfully represented the City of Mount Dora on FMIPA's Board of Directors since 2004, and his service on FMIPA's Member Services Advisory Committee since 2010; and,

Whereas, Charles Revell was instrumental in the development of the Lineman Safety Training Program and the alliance between Electric Cities of Georgia (ECG) and the Florida Municipal Power Agency, including serving eight years as the official liaison to ECG representing the interests of all Florida participants; and,

Whereas, Charles Revell has championed the interests and values of municipal electric utilities by being an active member of FMIPA's Board of Directors, an active member of the Florida Municipal Electric Association, and a consistent champion for the value of municipal electric utilities; and,

Whereas, the leadership and wise counsel of Charles Revell will be greatly missed upon his forthcoming retirement as Electric Utility Director for the City of Mount Dora.

Now, therefore, let it be known to all that the members of the Florida Municipal Power Agency will be forever grateful to Charles Revell for his years of service, and we wish to express our appreciation for his faithful and tireless efforts on our behalf.

Furthermore, this Resolution of Appreciation shall become a permanent public record of the Florida Municipal Power Agency as a tribute to his service.

We, the Board of Directors of the Florida Municipal Power Agency, in a unanimous vote adopt this Resolution of Appreciation on this 17th day of July, Two Thousand and Nineteen.

Florida Municipal Power Agency

(Seal)

By: _____
Bill Conrad, Chairman

By: _____
Lynne Tejada, Secretary

AGENDA ITEM 8 – ACTION ITEMS

- c. Nomination and Election of Board of Directors Officers for 2019-2020 (Howard McKinnon, Chair, Nominating Committee)**

**Board of Directors Meeting
July 17, 2019**



MEMORANDUM

TO: FMPA Board of Directors
FROM: FMPA Nominating Committee
Chairman Howard McKinnon, Havana,
Charles Revell, Mount Dora and John Tompeck, Fort Pierce
DATE: June 18, 2019
ITEM: 8c – Nomination and Election of Board of Directors’ Officers for 2019-2020

The FMPA Nominating Committee met via teleconference on June 17, 2019, after properly giving public notice. The Committee is comprised of Mr. Howard McKinnon, Havana, Mr. Charles Revell, Mount Dora and Mr. John Tompeck, Fort Pierce. Those present from FMPA were Jacob Williams, General Manager and CEO, Sue Utley, Executive Assistant to the General Manager and CEO/Assistant Secretary to the Board (at FMPA) and Jody Finklea, General Counsel and CLO (via telephone).

Charles Revell, Mount Dora, nominated Howard McKinnon, Havana, as Chair of the Nominating Committee. John Tompeck, Fort Pierce, seconded the motion. Motion passed unanimously.

The Nominating Committee discussed the length of service of the current Chairman, Bill Conrad, who has served his full term of 6 years, as stated in the FMPA By-Laws. The Nominating Committee discussed recommending to the Board that the officers nominated to serve are as follows: Barbara Quiñones, Homestead, as Chairperson, Lynne Tejeda, Key West, as Vice Chairperson, Larry Mattern, Kissimmee, as Secretary and Allen Putnam, Jacksonville Beach, as Treasurer. The Committee asked Sue Utley to contact each member to see if they are willing to serve if elected. Each member is willing to serve as Board Officers. Nominations for Board Officers may also be accepted from the floor during this meeting.

The following list is the unanimous recommendation of the Nominating Committee for Board Officers for the year 2019-2020. The vote will take place at the July 17, 2019 Board of Directors meeting held at the FMEA Annual Conference being held at the Hyatt Regency Coconut Point Resort and Spa, 5001 Coconut Road, Bonita Springs, FL 34134.

Board Officers (one-year term)

Barbara Quiñones, Homestead	Chair
Lynne Tejeda, Key West	Vice Chair
Larry Mattern, Kissimmee	Secretary
Allen Putnam, Jacksonville Beach	Treasurer

HM/CR/JT/su

**AGENDA ITEM 9 – INFORMATION
ITEMS**

- a. Solar Project Phase I
Transmission and Interconnection
Update (Chris Gowder / Susan
Schumann)**

**Board of Directors Meeting
July 17, 2019**



BOD-EC 9a – Solar Project Phase I Transmission and Interconnection Update

FMIPA Board of Directors and Executive Committee

July 17, 2019

Solar Phase I

Transmission Service and Interconnection Update

- Poinsett Site – Funding for Legal Support for Transmission Service Complaint Against Duke Energy Florida.
- Harmony Site – Interconnection Substation Cost Sharing. (Also impacts Taylor Creek Site)

Facility (Interconnection)	Capacity	OUC	ARP	Solar Project
Taylor Creek (OUC)	74.5	74.5	0.0	0.0
Harmony (OUC)	74.5	34.0	40.5	0.0
Poinsett (DEF)	74.5	0.0	17.5	57.0
Total	223.5 MW	108.5 MW	58.0 MW	57.0 MW



Poinsett Site - Funding for Legal Support

Poinsett Site – Funding for Legal Support

Summary of Issue

- DEF denied Poinsett Solar Facility transmission service requests
 - Improperly required executed interconnection agreement prior to studying transmission service requests
- FMPA filed FERC complaint, arguing that DEF's practices
 - Violate DEF's Open Access Transmission Tariff (OATT)
 - Are inconsistent with FERC precedent allowing simultaneous requests
 - Contradict FERC's existing orders on interconnection

FMPA Filed Complaint at FERC Against Duke Energy

DEF Improperly Denied Poinsett Transmission Service Requests

- FERC ruled in favor of FMPA, finding that DEF's practice of requiring an interconnection agreement before a customer can submit a valid transmission service request violates DEF's Open Access Transmission Tariff and Business Practices and FERC precedent.
- Spiegel & McDiarmid, FMPA's FERC counsel, provided legal assistance on the filing
- Invoices for the effort total \$68,669.40

Development Fund Used to Initiate Solar Project

Allocated Based on Phase I Solar Entitlement

- Legal battle expenses not envisioned when determining project costs
- Board previously authorized \$200,000 in Development Funds to be used for Solar Project I Development
 - Development Fund expenditures at time of project approval were \$134,347
 - Additional Legal Expenses: \$68,669
 - Total with these additional expenses is **\$203,016**
- Adder to solar energy rate would change from 2.38 cents per MWh to 3.60 cents per MWh
 - Allocated over first 20 years of the solar PPA

Allocation of New Expenses by Entitlement Ratio

Reimbursement Spread Over 20-Year Expected Energy

	Member	Share (MW)	Share (%)	Allocation
Solar Project	Lake Worth	10	8.696%	\$5,971
	Alachua	9	7.826%	\$5,374
	Bartow	13	11.304%	\$7,763
	Homestead	10	8.696%	\$5,971
	Wauchula	5	4.348%	\$2,986
	Winter Park	10	8.696%	\$5,971
ARP	Beaches	10	8.696%	\$5,971
	FPUA	3	2.609%	\$1,791
	KEYS	5	4.348%	\$2,986
	KUA	30	26.087%	\$17,914
	Ocala	10	8.696%	\$5,971

Recommend Use of Development Funds for Legal Support

For Approval at August Board Meeting

FMPA Solar Project Committee and ARP Solar Participants Advisory Committee Recommend Approval of:

- Authorizing an additional \$3500 in funding from the FMPA Development Fund for the joint-action solar project, which with previously authorized amounts results in a total authorization of \$203,500 and
- Funding FERC legal counsel expenses related to the solar transmission service request denial complaint filing of \$68,669.40 be funded out of the FMPA Development Fund as recommended by FMPA Solar Project Committee and ARP Solar Participants Advisory Committee at their June 13 meetings and
- Such expenses being allocated to the Solar Project and ARP Solar Participants based on their solar entitlement ratio share to be reimbursed over 20 years as an adder to the energy charge for each MWh received from the Harmony Solar and Poinsett Solar facilities.



Harmony Site – Interconnection Substation Costs

Harmony Site – Interconnection Substation Costs

Summary of Issue

- Costs impact only Taylor Creek and Harmony Solar Facilities (OUC Interconnection Sites)
- Interconnection Substation Costs inadvertently NOT included in PPA
 - Misunderstanding among parties regarding “Interconnection Facilities”
 - Costs covered by Transmission Provider (OUC position) or Developer (FRP position)?
- Parties agreed to negotiate terms to avoid contract dispute
- No further Interconnection / Network Upgrade costs related to Harmony expected

Harmony Interconnection Substation Cost Sharing

PPA Does Not Adequately Address

- Florida Renewable Partners and OUC (as the transmission provider for Harmony) have agreed on how to move forward with interconnection
 - Letter agreement to cover cost sharing and substation design
 - Awaiting OUC Board approval – expected on July agenda
- ARP cost for 54.36% share of Harmony not to exceed \$870,000

Member	Share	Cost
Beaches	17.241%	\$150,000
FPUA	5.173%	\$45,000
KEYS	8.621%	\$75,000
KUA	51.724%	\$450,000
Ocala	17.241%	\$150,000

ARP Solar Participants Advisory Committee

Request to Use FMPA Development Fund

- OUC will need reimbursement for ARP's share of the costs upon commercial operation of Harmony Solar
 - A letter agreement outlining responsibilities will be brought back to Solar Participants and Executive Committee for approval once details are finalized
- ARP Solar Participants Advisory Committee met on June 13th
 - Voted to request use of the FMPA Development Fund with repayment by the ARP Solar Participants over the first 20 years of the solar PPA
 - Board action to authorize \$870,000 will be requested at August meeting

Information Only

Next Steps:

- Poinsett Site –
 - Funding for Legal Support will be presented as Action Item at August meeting
- Harmony Site –
 - Letter Agreement, when finalized, will be brought to ARP Solar Participants Advisory Committee and Executive Committee
 - Board action to authorize \$870,000 will be requested at August meeting
- No action requested at this time



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**AGENDA ITEM 9 – INFORMATION
ITEMS**

**b. Solar Project Phase II Update
(Susan Schumann)**

**Board of Directors Meeting
July 17, 2019**



9.b. Phase II Solar Update

FMIPA Board of Directors
July 17, 2019

Planned Phase II Solar Project

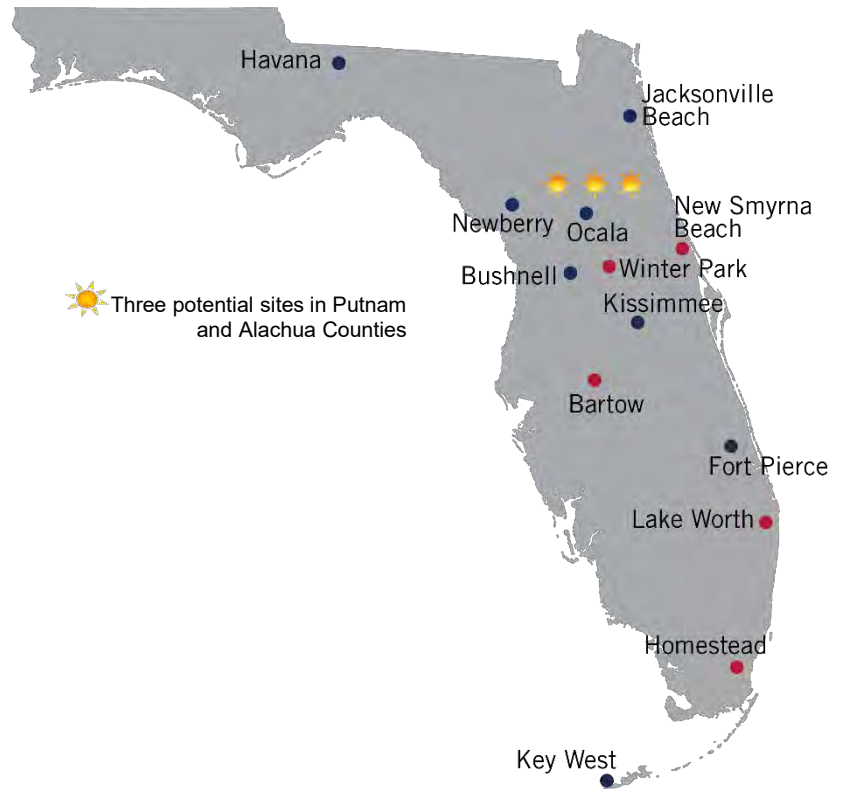
Two Additional 74.9 MW Facilities

- Increases FMPA Solar to 5 facilities and ~372 MW
- North Central Florida facilities provide locational diversity
- Separate FPL and Duke Interconnections
- Favorable pricing for 20-year PPA term
- COD December 2023

Interest from 13 Member Cities

Two 74.9 MW Facilities

Member	Megawatts-AC
Bartow	?
Bushnell	?
Fort Pierce	10 (+?)
Havana	0.25
Homestead	?
Jacksonville Beach	10 (+5?)
Key West	25
Kissimmee	20
Lake Worth	20
Newberry	1
New Smyrna Beach	5-10
Ocala	15
Winter Park	15
Total	121.25 to 131.25+



BOLD = Member Approval Received for MW amount

Project Details

General PPA Terms

- Staff conducted short-list interviews with top 3 bidders
- Origis Energy provided least cost Phase II Solar Offer
- Cost ceiling for Phase II at \$28/MWh, excluding supplemental transmission wheeling costs
- 2% escalation option recommended to empower highly competitive starting prices
- 20-year PPA with extension options
- Storage and pre-pay details will be explored further
- Delaying COD by one year to Dec. 2023 means ~4% savings

Who is Origis Energy?

Global Solar Developer, US & Belgium Offices

- 120 projects worldwide totaling over 1.5 GW of solar to date
 - 394 MW operational in US
 - 1 GW contracted in US
 - > 8 GW development pipeline
- Headquartered in Miami, FL
- PV and storage development, financing, engineering, procurement, construction, and O&M
- Origis Energy USA ranked #2 largest solar developer in the U.S. in Solar Power World's annual Top 500 Solar Contractors list (2018)

Origis Has Relevant Qualifications

Utility-Scale Experience in Central Florida

- 52 MW-AC
- COD: December 2018
- Offtake: Reedy Creek Improvement District
- Origis Energy Role: Development, engineering, financing, construction, operation, asset management
- Financing: Origis Energy USA, Inc.
- EPC: Origis Technics USA, Inc.



End of Year Completion Target

Aggressive Schedule Currently On Track

July

- Finalize Member Participation Agreements
- Continue Member Approvals
- Continue PPA Negotiations

August

- Continue Member Approvals
- Finalize PPA

Sept

- Continue Member Approvals
- FMPA Board and EC Information Items

Oct

- FMPA Board and EC Action Items
- Approval of PPAs, Power Sales Contracts, Participation Agreements, Exchange Agreements, etc.

Immediate Next Steps

What is staff doing?

- PPA negotiations with Origis Energy
- Finalize Member approvals for MWs
- Finalize power sales agreements (ARP / Project)
 - Staff available to support Member approval process
- Storage and pre-pay details will be explored further

**AGENDA ITEM 9 – INFORMATION
ITEMS**

**c. Distribution Reliability Update
(Cairo Vanegas)**

**Board of Directors Meeting
July 17, 2019**



BOD 9c – Distribution Reliability Update

FMIPA Board of Directors
June 5, 2019

Agenda

- 2018 FMPA member reliability update
- Recent reliability-focused member engagements
- Resources to assist members





2018 Reliability Performance Review and Benchmarks

Reliability Benchmarks Coming Down

Leading IOU Continues to Improve

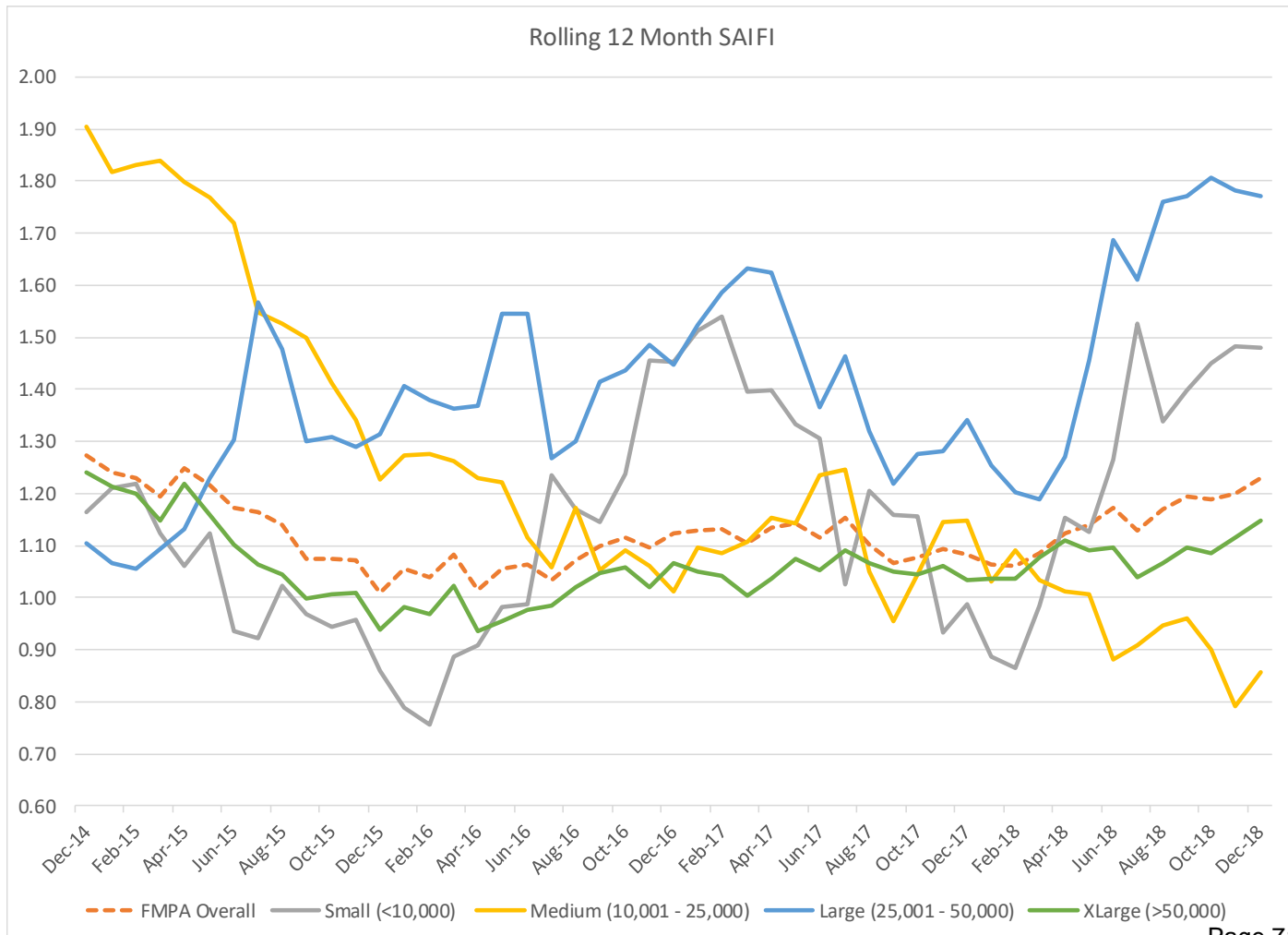
2018 Index	FMPA	FPL	Duke	TECO
Frequency SAIFI	1.23	0.89	1.01	1.18
Restoration Time CAIDI	73	60	97	80
Duration SAIDI	89	53	99	95
Length L-BAR	102	199	147	1.80
Momentaries MAIFle	4.96	4.00	9.70	9.63

 Better than 2017
 Worse than 2017

FPL made slight improvements in frequency and duration; continues to make strides in momentaries

Five Year Trend for Outage Frequency

Medium Category Continues to Improve



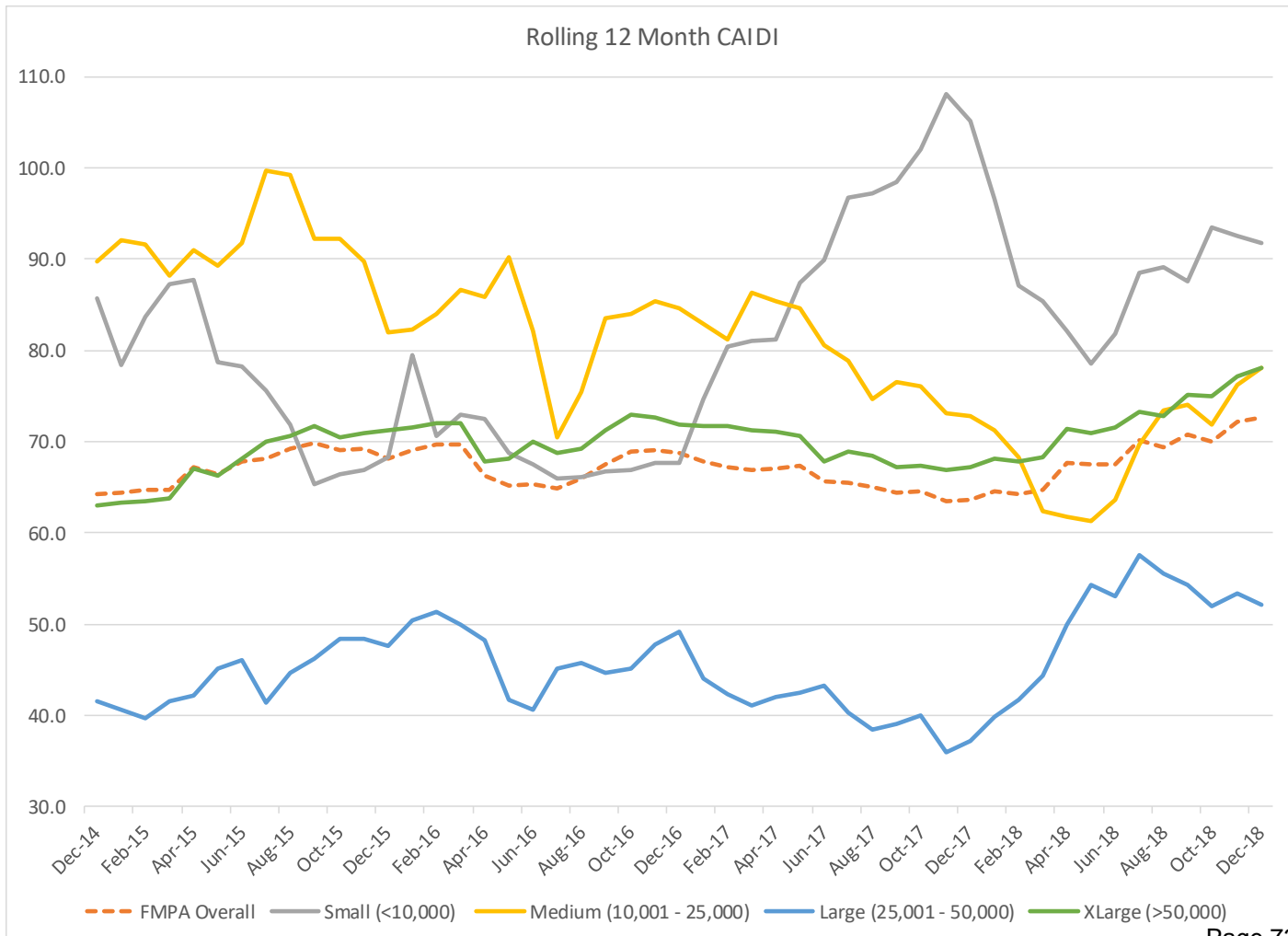
Avoiding Outages is the Paramount Goal

SAIFI Trend is Unfavorable for Some Munis

- FMPA member SAIFI is 1.23 interruptions per year
 - Represents 14% increase (worse) from 2017
 - Lag behind FPL, Duke and TECO
 - Half of the munis increased SAIFI
- Significant improvements in Leesburg, Mt. Dora, Fort Pierce, Lakeland, Ocala
- Nine munis each had SAIFI below 1.00

Five Year Trend for Restoration Time

Large Category is Consistent Leader



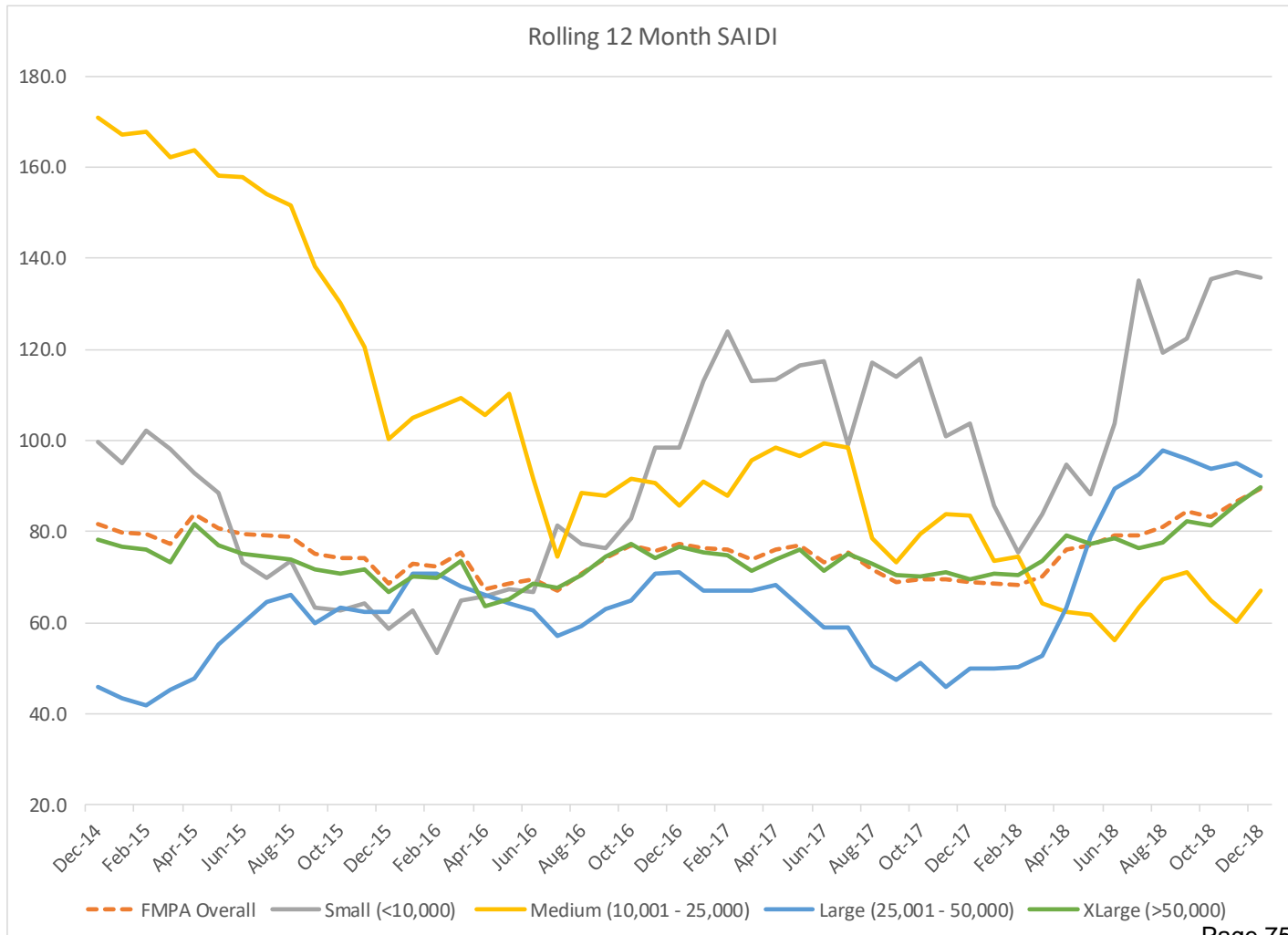
Outage Response Becoming a Challenge

Still Second Best In Florida Despite Increase

- FMPA member restoration time is 73 min.
 - Represents 14% increase (worse) from 2017
 - Ten members increased
 - Only 13min. behind leading IOU
- Significant improvements in Fort Pierce, Gainesville, Bushnell, Winter Park, Starke, Alachua

Five Year Trend for Duration

Efforts Needed to Reverse Trends



Excellent SAIDI Performance for Some

FMPA's Goal is to Help Close the Gap

- FMPA member duration is 89 min.
 - Represents 30% increase (worse) from 2017
 - Fourteen members had an increase
 - Still second best in Florida
- Seven munis (representing 52% of FMPA member customer base) each had SAIDI below 60 min.
- Significant improvements in Leesburg, Mt. Dora, Ft. Pierce, Ocala, Winter Park



Recent FMIPA Member Engagements

Efforts to Improve Member Reliability

Member Engagement Continues to Grow

- Starke: substation breaker replacements
- Keys Energy, Tallahassee, Havana: DEED Project
- New Smyrna Beach: deep-dive reliability analysis
- Havana and Moore Haven: improving/creating system maps
- Quincy, Chattahoochee, Havana, Bartow, Keys Energy: storm restoration
- Bartow, Lake Worth: conduct power quality analysis
- Starke, Moore Haven: transformer bank re-design

FMPA Goal is to Improve Reliability

FMPA Resources Are Extension of Your Staff

- Re-alignment of staff has increased available bandwidth
- Access to Master Services Agreements and support for consulting engagements
- Joint Purchase Project RFPs
 - T&D overhead and underground line maintenance
 - Substation maintenance
 - Pole Inspections
 - Infrared Inspections



Q & A

**AGENDA ITEM 10 – MEMBER
COMMENTS**

**Board of Directors Meeting
July 17, 2019**

AGENDA ITEM 11 – ADJOURNMENT

**Board of Directors Meeting
July 17, 2019**