

FMPA BOARD OF DIRECTORS AGENDA PACKAGE

November 18, 2021
9:00 a.m. [NOTE TIME]
Dial-in Info: 877-668-4493 or 650-479-3208
Meeting Number: 180 246 1343#
Password – 8553#

Board of Directors

Barbara Quiñones, Homestead - Chair Lynne Tejeda, Key West - Vice Chair Larry Mattern, Kissimmee – Secretary Allen Putnam, Jacksonville Beach – Treasurer Rodolfo Valladares, Alachua Bradley Hiers, Bartow Vacant, Blountstown Jody Young, Bushnell Robert Presnell, Chattahoochee Lynne Mila, Clewiston Jan Bagnall, Fort Meade John Tompeck, Fort Pierce Tom Brown, Gainesville Robert Page, Green Cove Springs Howard McKinnon, Havana Ed Liberty, Lake Worth Beach

Michael Beckham, Lakeland Brad Chase, Leesburg Vacant, Moore Haven Steve Langley, Mount Dora Mike New, Newberry Joe Bunch, New Smyrna Beach Bill Kaufman, Ocala Claston Sunanon, Orlando Vacant, Quincy Keith Trace, St. Cloud Scott Anaheim, Starke Tony Guillen, Tallahassee James Braddock, Wauchula Vacant, Williston Dan D'Alessandro, Winter Park

Meeting Location
Florida Municipal Power Agency
8553 Commodity Circle
Orlando, FL 32819
(407) 355-7767



MEMORANDUM

TO: FMPA Board of Directors

FROM: Jacob A. Williams, General Manager and CEO

DATE: October 9, 2021

RE: FMPA Board of Directors Meeting - 9:00 a.m., November 18, 2021

PLACE: Florida Municipal Power Agency

8553 Commodity Circle, Orlando, FL 32819

DIAL-IN: DIAL-IN- INFO 877-668-4493 or 650-479-3208

Meeting Number 180 246 1343# - PASSWORD - 8553#

(if you have trouble connecting via phone or internet, call 407-355-7767)

AGENDA

Chairperson Barbara Quiñones, Presiding

1.	Call to Order, Roll Call, Declaration of Quorum	4
2.	Recognition of Guests	5
3.	Public Comments (Individual public comments limited to 3 minutes)	6
4.	Set Agenda (by vote)	7
5.	Report from the General Manager (Jacob Williams)	9
6.	Sunshine Law Update (Dan O'Hagan)	. 17
7.	 Consent Agenda a. Approval of the Minutes for the Meeting Held October 21, 2021 b. Approval of the Projects' Preliminary Financials as of September 30, 2021 c. Approval of the Treasury Reports as of September 30, 2021 	. 24
8.	Action Items a. Approval of FY 2022 Management Goals (Jacob Williams) b. Approval of DataSite Orlando Contract Renewal (Carter Manucy)	

9. Information Items

a.	Energy & Climate Legislation Update and Implications (Jacob Williams)	40
b.	Solar Projects I and II Updates and Discussion of Phase III Potential (Susa Schumann)	
C.	Insurance Broker Selection (Rich Popp) *	53
10. Me	mber Comments	57
11.Ad	journment	58

*Also on the Executive Committee agenda.

JW/su

Note: One or more participants in the above referenced public meeting may participate by telephone. At the above location there will be a speaker telephone so that any interested person can attend this public meeting and be fully informed of the discussions taking place either in person or by telephone communication. 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 (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

AGENDA ITEM 2 - RECOGNITION OF GUESTS

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

AGENDA ITEM 4 – SET AGENDA (By Vote)

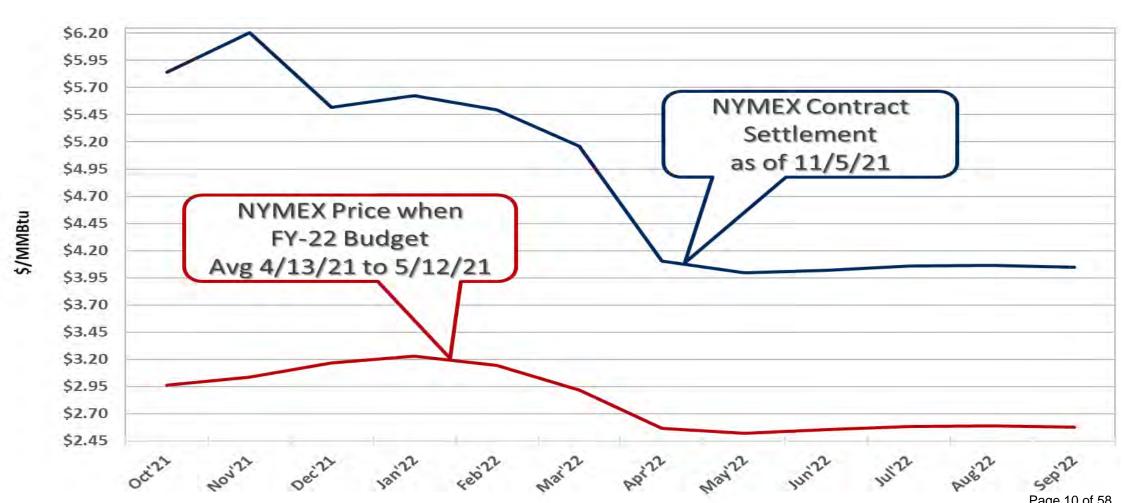
AGENDA ITEM 5 – REPORT FROM THE GENERAL MANAGER

Fiscal 2022 Management Goals

Goal		Status	Actual	YTD Actual	YTD Target	FY 2022 Target	Comment
1 Cofoty	Lost-time Accidents		0	0	0	0	
1. Safety	OSHA Recordables		0	0	0	0	
	Environmental		0	0	0	0	
2. Compliance	Financial		0	0	0	0	
	Regulatory		0	0	О	0	
	Under \$70/MWh		\$	\$	\$72.31	< \$70.00	
3. Low Cost (\$/MWh)	Fuel		\$	\$	\$23.22	\$20.99	
(4/14/4/1/	Non-Fuel		\$	\$	\$49.08	\$49.00	
4. ARP Capacity Replacement Plan Complete evaluation of alternatives that meet financial, reliability and emission objectives						1	Finalize plan to meet capacity shortages through 2027 and execute

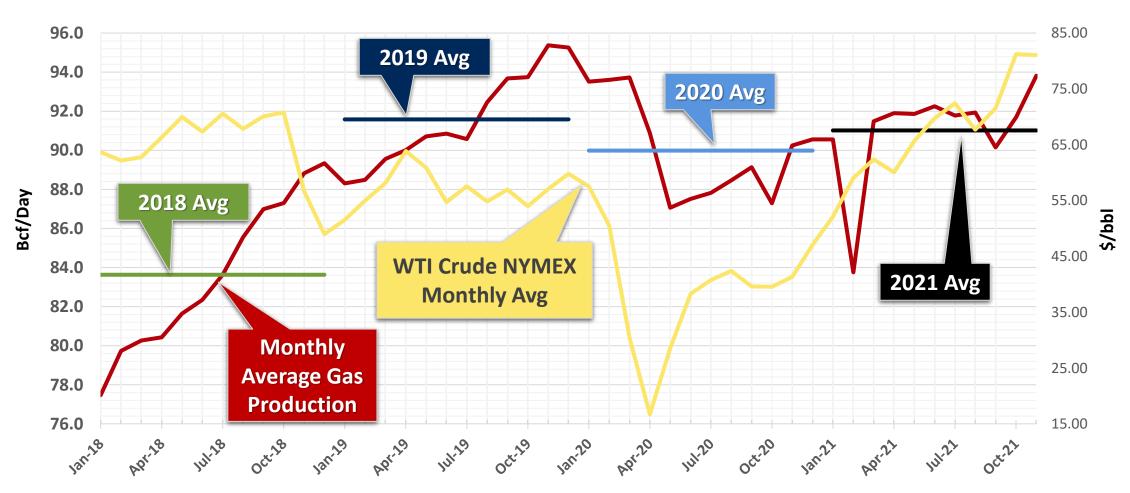
FY 2022 NYMEX Contract \$2.02/MMBtu Above Budget

NYMEX Natural Gas FY22 Settlement as of Nov. 5, 2021



Natural Gas Production Following Changes in Oil Prices

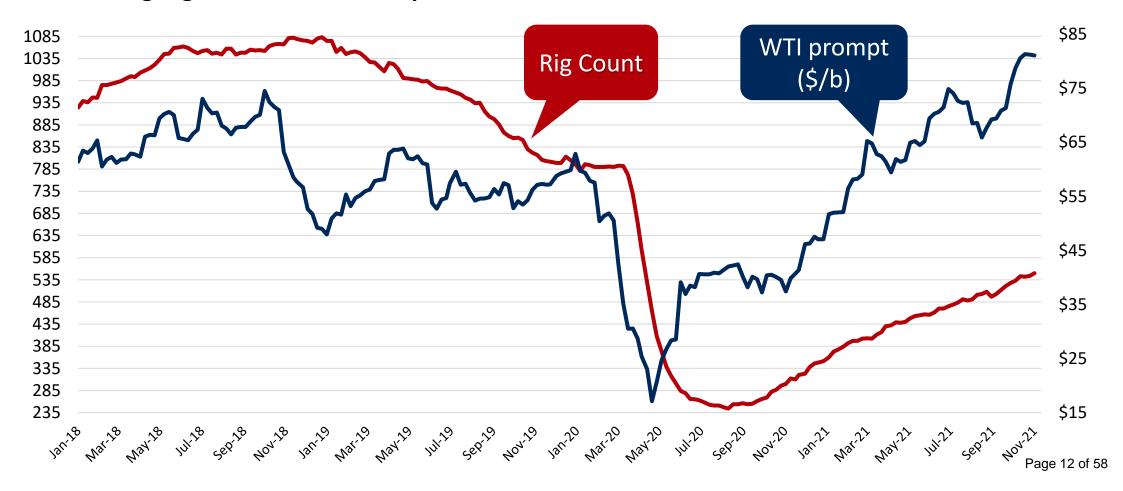
Average Monthly Change from 2018 to Date (11/08/21)



Drilling Rig Count Increases, Oil Prices Move Higher

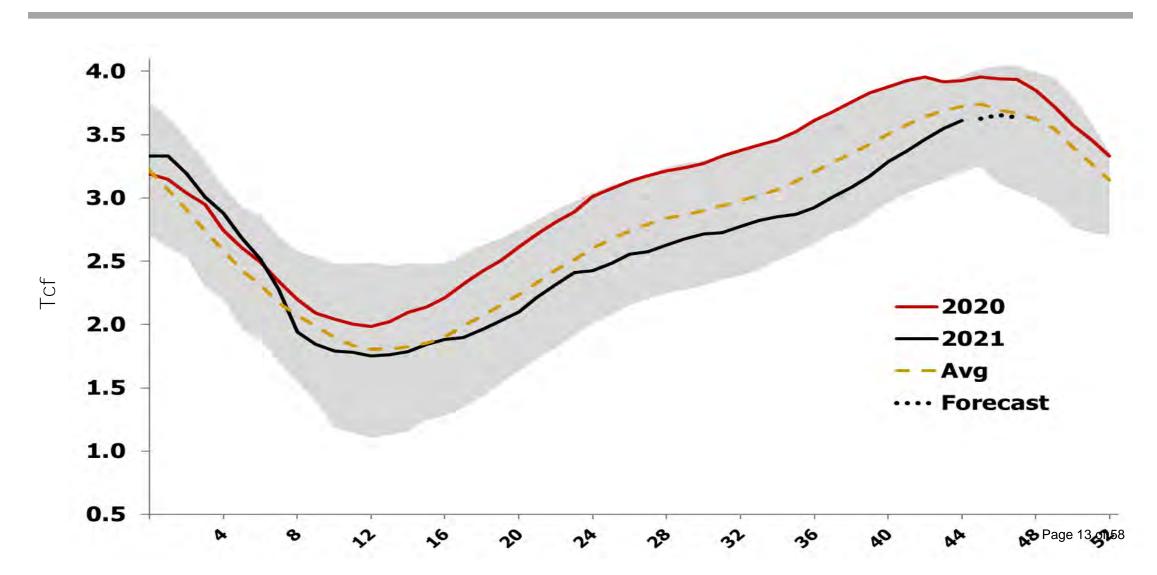
Rig Count Increasing with WTI Prices Low \$80 Range (as of Nov 5)

U.S. Drilling Rig Count vs WTI Prompt



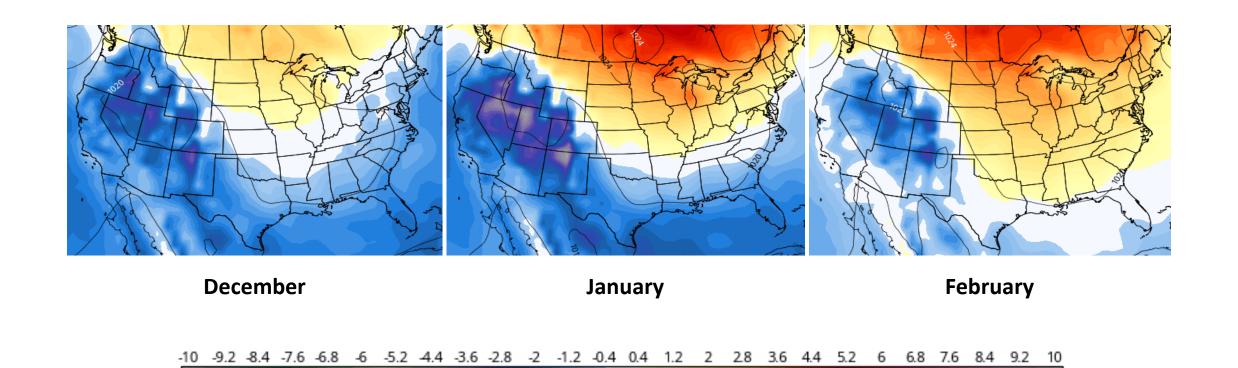
Gas Storage Inventory as of Week Ending October 31

Withdrawal Season Begins, Forecasted to move Toward 5-Year Avg.



December to January Monthly Temperature Forecast

U.S. Heating Region Projected to be Warmer than Normal



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Goal		Status	Actual	YTD Actual	YTD Target	FY 2022 Target	Comment
5.Cyber-	Breaches		0	0	0	0	
security	Phishing tests		7%	7%	% or <	3% or <	Five people clicked fake email from IT regarding social media policy change
6 Poliobility	CC EAF		86.7%	86.7%	84%	89%	Cane Island Unit 4 completed planned outage, returning one day early
6. Reliability	SI black start and trans. backup					100%	None in October
7. Member Reliability	Individual member reliability recommendations/ projects				1	12	
8. Member	Leadership member visits		7	7	6.25	75	
Services	Projects managed for members				2	24	Page 15 of 58

Goal		Status	Actual	YTD Actual	YTD Target	FY 2022 Target	Comment
9. Value of Muni	Presentations, social media		1	1	1	10	Newberry Town Hall 11/16
10 Financina	Prepaid gas min. svgs. of \$0.25/mmBtu					15k /day	Prepaid gas - total of 15,000 therms/day new agreements w/\$0.25/mmBtu savings
10. Financing	Refinance Stanton II					1	If NPV savings of 5%
11. Solar Phase III							Identify size, participants and project to meet needs
12. People					.66	8	Provide two personal development opportunities for all staff; leadership training for supervisors and potential leaders

VERBAL REPORT

AGENDA ITEM 6 – SUNSHINE LAW UPDATE

AGENDA ITEM 7 – CONSENT AGENDA

a. Approval of the Minutes for the Meeting for the Meeting Held October 21, 2021

CLERKS DULY NOTIFIED OCTOBER 12, 2021
AGENDA PACKAGES POSTED...... OCTOBER 12, 2021

MINUTES FMPA BOARD OF DIRECTORS MEETING FLORIDA MUNICIPAL POWER AGENCY 8553 COMMODITY CIRCLE ORLANDO, FL 32819 THURSDAY, OCTOBER 21, 2021 9:00 A.M.

MEMBERS Jody Young, Bushnell **PRESEND** David Lord, Fort Meade

John Tompeck, Fort Pierce Bob Page, Green Cove Springs Howard McKinnon, Havana Barbara Quinones, Homestead Allen Putnam, Jacksonville Beach

Lynne Tejeda, Key West Larry Mattern, Kissimmee Ed Liberty, Lake Worth Beach Michael Beckham, Lakeland

Brad Chase, Leesburg (via telephone)

Steve Langley, Mount Dora

Mike New, Newberry (via telephone)
Joe Bunch, New Smyrna Beach
Randy Hahn, Ocala (via telephone)

Claston Sunanon, Orlando

Keith Trace, St. Cloud (via telephone) Tony Guillen, Tallahassee (via telephone)

Dan D'Alessandro, Winter Park

OTHERS Stephen Macholz, Bushnell PRESENT Paul Jakubczak, Fort Pierce

Craig Dunlap, Dunlap & Associates, Inc. (via telephone)

Bill Conrad, Newberry

STAFF Jacob Williams, General Manager and CEO **PRESENT** Jody Finklea, General Counsel and CLO

Ken Rutter, Chief Operating Officer

Linda S. Howard, Chief Financial Officer

Sue Utley, Executive Asst. /Asst. Secy. to the Board

Mike McCleary, Manager of Member Services Development

Mark McCain, Vice President of Member Services & Public Relations Chris Gowder, Business Development and System Operations Director

Board of Directors Meeting Minutes October 21, 2021 Page **1** of **4**

^{*}joined after roll call

Alan O'Heron, Manager of Member Services Development
Wayne Koback, IT Manager
Susan Schumann, Manager of External Affairs and Solar Projects
Justin Harris, Environmental Engineer II
Carter Manucy, IT/OT & Cybersecurity Director
Tobin LaBorde, Power Generation Engineer and Project Manager
Danyel Sullivan-Marrero, Controller
Isaac Barbosa, IT Security Analyst
LaKenya VanNorman, Regulatory Compliance Specialist
Tim Jackson, Generation Asset Engineer
Ryan Dumas, Senior Public Relations Specialist
Carl Turner, Engineering Services Director

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

Chair Barbara Quiñones, Homestead, called the Board of Directors meeting to order at 9:00 a.m. on Thursday, October 21, 2021, 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 20 members present representing 33.5 votes out of a possible 47.5.

ITEM 2 - Recognition of Guests

Chair Barbara Quiñones welcomed Resaul Misra. FMPA's Financial and Data Analyst II.

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

None

ITEM 4 - SET AGENDA (by vote)

MOTION: Allen Putnam, Jacksonville Beach, moved approval of the agenda as presented. John Tompeck, seconded the motion. Motion carried 33.5-0.

ITEM 5 – REPORT FROM THE GENERAL MANAGER

Jacob Williams reported on the following items:

- 1. Goals Scorecard
- 2. Bill Conrad's retirement
- 3. Mark McCain's 35th FMPA anniversary

ITEM 6 - SUNSHINE LAW UPDATE

Dan O'Hagan reported on current FMPA/FMEA lobbying efforts regarding Sunshine Law exemtions for certain critical energy infrastructure information.

Board of Directors Meeting Minutes October 21, 2021 Page **2** of **4**

ITEM 7 - CONSENT AGENDA

- a. Approval of Minutes Meeting Held September 16, 2021
- b. Approval of the Projects' Preliminary Financials as of August 31, 2021
- c. Approval of the Treasury Reports as of August 31, 2021

MOTION: Allen Putnam, Jacksonville Beach, moved approval of the Consent Agenda as presented. Larry Mattern, Kissimmee, seconded the motion. Motion carried 33.5-0.

ITEM 8 – ACTION ITEMS

a. None

<u>ITEM 9 – INFORMATION ITEMS</u>

a. Draft Management Goals for FY 2022

Jacob Williams reported on the draft Management goals for FY 2022.

b. Energy Price Increase and Impacts on Electricity Costs

Jacob Williams presented information on energy price increases and impacts on electricity costs.

c. DataSite Orlando Contract Renewal

Carter Manucy updated the Board on the DataSite Orlando contract renewal.

d. Summary of Finance Committee Items

Linda S. Howard reported on the Finance Committee items that will be coming to the Board of Directors for approval.

<u>ITEM 10 – MEMBER COMMENTS</u>

Bob Page, Green Cove Springs, asked if FMPA could help the cities with some communication materials on high gas prices.

Barbara Quinones, Homestead, was sorry Bill Conrad was not here to hear the comments said about him. She congratulated Bill on his service to FMPA and was privileged to have worked with Bill during his Chairmanship with the FMPA Board. Bill is welcome back to the meetings as a guest.

Larry Mattern, Kissimmee, said that Bill is the one who cared. Bill was always calm and handled himself professionally.

David Lord, Fort Meade, Cairo did a great job helping us with a recloser program. He also said Mike McCleary, has also been a great help.

ITEM 11 – ADJOURNMENT

There being no further business, the meeting was adjourned at						
Barbara Quiñones Chairperson, Board of Directors	Larry Mattern Secretary					
Approved:	Seal					
BQ/LM/su						

AGENDA ITEM 7 – CONSENT AGENDA

b. Approval of the Projects' Preliminary Financials as of September 30, 2021



AGENDA PACKAGE MEMORANDUM

TO: FMPA Board of Directors

FROM: Linda Howard

DATE: November 2, 2021

ITEM: 7b – Approval of Projects' Preliminary Financials as of September 30, 2021

Discussion: The summary financial statements and detailed financial statements, which

include GAŠB #62 transactions, of the Projects for the period ended

September 30, 2021 are posted on the Document Portal section of FMPA's

website.

Recommended: Move approval of the Projects' Preliminary Financial Reports for the month

ended September 30, 2021.

LH/GF

AGENDA ITEM 7 – CONSENT AGENDA

c. Approval of the Treasury Reports as of September 30, 2021



AGENDA PACKAGE MEMORANDUM

TO: FMPA Board of Directors

FROM: Gloria Reyes

DATE: November 18, 2021

ITEM: BOD 7(c) – Approval of Treasury Reports as of September 30, 2021

Introduction

This agenda item is a quick summary update of the Treasury

Department's functions.

The Treasury Department reports for June are posted in the member portal

section of FMPA's website.

Debt Discussion

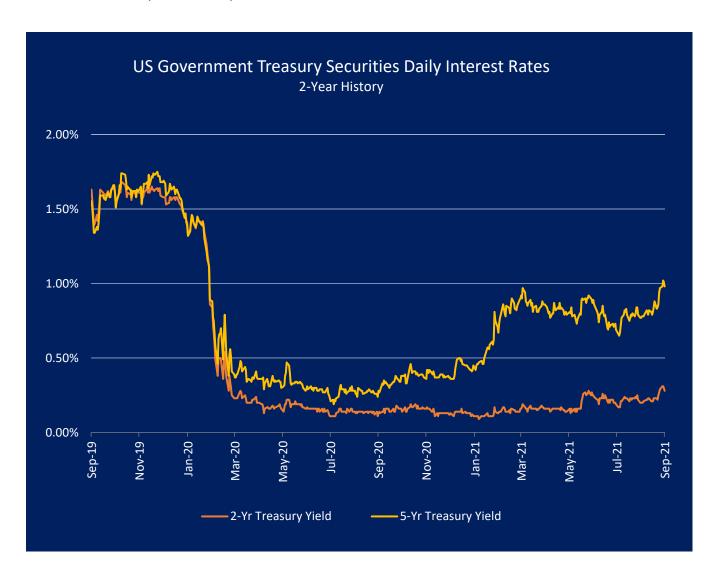
Below is a summary of the total debt outstanding and the percentage of debt that was fixed, variable or synthetically fixed with interest rate swaps as of September 30, 2021.

	Total debt Outstanding	Fixed Rate	Variable Rate	Synthetically Fixed
Agency	0.00	0%	0%	0%
St Lucie	84,285,000	100%	0%	0%
Stanton	0.00	0%	0%	0%
Stanton II	100,740,471	100%	0%	0%
Tri City	0.00	0%	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, Certificates of Deposits, Commercial Paper, Municipal Bonds, Corporate Notes, Local Government Investment Pools and Money Market Mutual Funds.

Below is a graph of daily US Treasury yields for the past 2 years. The orange line is the 2-year Treasury which closed the month of September at 0.28%. The yellow line is the 5-year Treasury which was 0.98%.



The weighted average yields on investments earned as of September 30, 2021 in the Projects, along with their benchmark (Average of Florida Prime Fund and 2-year treasury), are as follows:



Recommended Motion

Move approval of the Treasury Reports for September 30, 2021.

AGENDA ITEM 8 – ACTION ITEMS

a. Approval of FY 2022 Management Goals



8a – Approval of Management Goals for Fiscal 2022

FMPA Board of Directors

Nov. 18, 2021

Fiscal 2022 Management Goals

Safety

•	Lost-time accidents	(
•	OSHA recordables	(

Compliance

 Environmental 	(
 Financial 	(
 Regulatory 	(

Comprehensive review of NERC compliance internal controls

Low Cost (\$/M/M/h) **3.**

Low Cost (\$/MWh)	2022 Budget FY22 Goal Current Estimate					
Under \$70/MWh	\$73.07	\$70.00	\$84.06			
• Fuel	\$22.66	\$22.00	\$34.41			
 Non-Fuel 	\$50.40	\$48.00	\$49.65			

ARP Capacity Replacement Plan 4.

Finalize plan to meet capacity shortages through 2027 and execute



Management Goal Fiscal 2022

5. Cybersecurity

Breaches

Phishing tests3% or <

6. Reliability

• Combined cycle EAF 89%

Stock Island black start and transmission backup
 100%

7. Member Reliability Improvements

 Assist members to improve reliability by proposing and/or assisting in implementing reliability projects

8. Member Services

Leadership member visits

Projects managed for members



Management Goal Fiscal 2022

9. Value of Municipal Utility

Presentations, social media

10

10. Financing

- Prepaid gas 15,000 therms/day new agreements w/ \$0.25/mmBtu savings
- Refinance Stanton II if NPV savings of 5%

11. Continue Emissions Reduction thru Phase III Solar

Identify size, participants and projects to meet needs

12. People

- Provide two personal development opportunities for all staff
- Leadership training for eight supervisors and potential leaders



AGENDA ITEM 8 – ACTION ITEMS

b. Approval of DataSite Orlando Contract Renewal



8b- DataSite Orlando Contract Renewal

FMPA Board of Directors

Nov. 18, 2021



DataSite Orlando Contract Renewal

- Current contract expires in March 2022
- Explored other opportunities in Orlando, Tampa and Jacksonville
- Best initial price was Jacksonville at ~\$6,150 per month
- Current DataSite contract 60-month term ~ \$7,500 per month
- Negotiated renewal down to \$5,490/mo, estimated savings of \$129K (including power consumption)
- Total contract value of \$329,400 requires Board approval
- Saves moving costs, circuit relocation and dark fiber costs



Contract Details

- 60-month agreement
- Monthly rental, including power: \$5,490 per month
- Additional fees for cross-connections with service providers: \$535/mo (can change as we remove/add/change providers within the facility)



Recommended Motion

 Move approval of the General Manager and CEO executing a contract with DataSite Orlando beginning March 1, 2022, for a term of 60 months, at the pricing levels described.



AGENDA ITEM 9 – INFORMATION ITEMS

a. Energy & Climate Legislation Update and Implications



9a - Energy and Climate Legislation Update and Implications

FMPA Board of Directors

Nov. 18, 2021

Verbal

Slides to be Provided at Meeting

 This item will be summarized with slides at the meeting. The agenda package on the Portal will be updated after the meeting.



AGENDA ITEM 9 – INFORMATION ITEMS

b. Solar Projects I and II Updates and Discussion of Phase III Potential



9b – Solar Projects I and II Update and Discussion of Phase III

FMPA Board of Directors

Nov. 18, 2021

Florida Municipal Solar Project

Sixteen Participants, Two Phases Totaling 373 Megawatts

Participant	Total Megawatts	Phase I Megawatts	Phase II Megawatts
Alachua	9	9	
Bartow	13	13	
Beaches Energy	25	10	15
Fort Pierce Utilities Authority	18	3	15
Havana	0.25		0.25
Homestead	15	10	5
Keys Energy	30	5	25
Kissimmee Utility Authority	50	30	20
Lake Worth Beach	36.55	10	26.55
Mount Dora	2		2
New Smyrna Beach	10		10
Newberry	1		1
Ocala	30	10	20
Orlando Utilities Commission	108.5	108.5	
Wauchula	5	5	
Winter Park	20	10	10
TOTAL	373.3 MW	223.5 MW	149.8 MW



Phases I and II Include Total of Five Solar Sites

Two Solar Sites Online, Three More Operational by Late 2024

Phase I - Developed and Operated by Florida Renewable Partners

Facility (Interconnection)	OUC	ARP	Solar Project	Total Capacity
Taylor Creek (OUC)	74.5	0	0	74.5
Harmony (OUC)	34.0	40.5	0	74.5
Poinsett (DEF)	0	17.5	57	74.5
Total	108.5 MW	58 MW	57 MW	223.5 MW

Phase II - Developed and Operated by Origis Energy

Facility (Interconnection)	ARP II	Solar II Project	Total Capacity
Rice Creek (FPL)	48.12	26.78	74.9
Whistling Duck (DEF)	48.12	26.78	74.9
Total	96.25 MW	53.55 MW	149.8 MW



Solar Operations and Development

Phase I Facilities on Target

- Phase I operations (223.5 MW)
 - Harmony and Taylor Creek online in June 2020
 - Production thru October 2021:
 506,466 MWh Total (138,183 MWh ARP)
 - Poinsett development
 - LGIA executed Aug. 31, 2021
 - All governmental approvals received August 2019
 - Start of construction scheduled August 2022
 - Project COD on schedule for June 2023

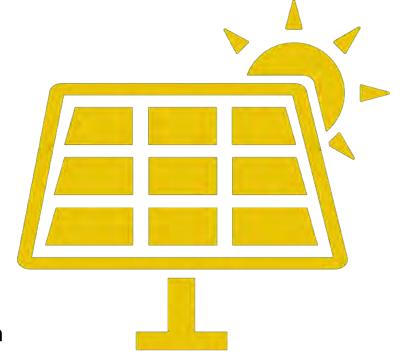




Solar Operations and Development

Phase II Activities

- Rice Creek Solar
 - Interconnection agreement (11/30/2021)
 - Local permitting complete (March 2022)
 - Target COD (Dec 2023)
- Whistling Duck Solar
 - Interconnection agreement (TBD)
 - Local permitting complete (Oct 2022)
 - Target COD (TBD)
 - Potential late 2024, due to extended milestone schedule in Duke LGIA
 - No pricing impact Safe Harbor dates extended by Treasury Department and IRS - 30% ITC extended thru 2025
 - Network upgrade funding required \$13.25M





Whistling Duck Network Upgrade Funding

Board and EC Approved in June 2021

- ARP funds \$13.25 M (originally \$17M) security for Duke network upgrades
 - Avoids Origis' high cost of money
 - Refund from Duke within five years of COD
- Network funding agreement with Origis finalized, to be executed in parallel with LGIA
- ARP has control over funding and refunds
- Insufficient refund scenario from Duke (unlikely) requires pro rata share from all Whistling Duck participants





RECs Being Generated Likely Have Market Value Seeking Feedback on Strategy to Monetize

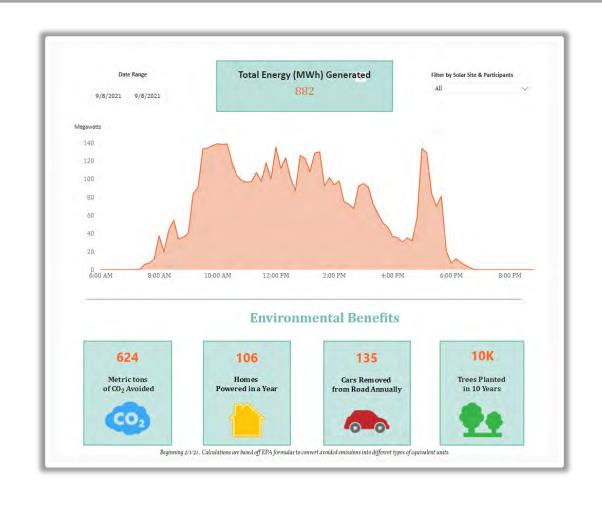
- Harmony now online and generating energy, including Renewable Energy Credits (RECs)
- RECs represent "renewable attributes" from solar or other renewable power facilities
 - Distinguished from actual energy delivered to serve load
 - Can be marketed and have some value FL RECs not eligible for certain markets
- Implementation options exist, but carry costs
 - Self-manage or partner to market RECs
 - Brokerages exist to support finding buyers and sellers, with associated entry fees and volume charges
 - Certification process exists to support avoidance of double counting
- Certain risks and management issues suggest tempered approach
 - Limits on term help avoid excessive sale of attributes that may be needed for climate compliance
 - Solar subscription nuances relative to retail customers must be addressed
 - Federal legislative implementation of any future requirements on a percent basis highly unclear
- Solar committees to review and make recommendations to Board and EC



Energy Monitoring Website

Real-Time Energy Generated

- Website includes:
 - FMSP total solar generation
 - Participant shares
 - Current/Lifetime stats
 - Environmental benefits
 - https://fmpa.com/solar





Phase III Development Activities Ramping Up Identify Member Interest is First Step

- Considerations
 - 2025/2026 operational date
 - Pursue PPA structure or own facilities depending on Legislative outcomes
 - Larger members may want to participate as anchor tenants
 - ARP to participate as individual members or as anchor
 - Battery storage evaluated with option to add later highly valued
 - Diversity locations to reduced risk across numerous sites and geographies
- FMPA staff contacting members to determine interest and discuss logistics



AGENDA ITEM 9 - INFORMATION ITEMS

c. Insurance Broker Selection





FMPA Board of Directors Nov. 18, 2021



Willis Tower Watson Broker For Past Seven Years

FMPA Requirement to Test Market after Seven Years

- Willis Tower Watson selected for:
 - Extensive worldwide broker network
 - Utility-specific broker division
 - Expertise of team working with FMPA
- Broker services required for certain lines of insurance
 - Auto, Workers Compensation, Cyber, Professional Legal, Excess Flood and Crime



RFP Distributed to Brokers with Utility Experience

FMPA has Industry Specific Needs

- Limited to four brokers with utility-specific division
 - WTW third largest broker worldwide serviced out of Chicago, IL
 - Marsh largest broker worldwide energy and public power out of Houston, TX
 - McGriff seventh largest broker worldwide energy out of Birmingham, AL
 - Lockton eighth largest broker worldwide energy out of Houston, TX



RFP Calendar Of Events

Selection Needs to be Completed by December Meeting

Date	Action Item
Sept. 9	RFP to Brokers
Sept. 30	Questions Due
Oct. 5	Proposals Due
Nov. 1	Interviews
Nov. 18	Information Item
Dec. 9	Recommendation to BOD and EC
Dec. 13	If Broker changes, begin work on transition



AGENDA ITEM 10 – MEMBER COMMENTS

AGENDA ITEM 11 – ADJOURNMENT