



FMPA BOARD OF DIRECTORS AGENDA PACKAGE

**April 21, 2022
9:00 a.m. [NOTE TIME]
Dial-in Info: 1-321-299-0575
Conference ID Number: 454 204 850#**

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
Steve Macholz, Bushnell
Robert Presnell, Chattahoochee
Lynne Mila, Clewiston
David Lord, Fort Meade
Javier Cisneros, 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
Drew Mullins, 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: FMIPA Board of Directors
FROM: Jacob A. Williams, General Manager and CEO
DATE: April 12, 2022
RE: **FMPA Board of Directors Meeting – 9:00 a.m., April 21, 2022**
PLACE: Florida Municipal Power Agency
8553 Commodity Circle, Orlando, FL 32819
DIAL-IN: **DIAL-IN INFO 321-299-0575**
Meeting Number: 454 204 850#
Meeting Link: [Click here to join the meeting](#)
(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
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4. **Set Agenda (by vote)**7
5. **Report from the General Manager (Jacob Williams)**9
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7. **Consent Agenda**
 - a. Approval of the Minutes for the Meeting Held March 17, 202221
 - b. Approval of the Projects' Preliminary Financials as of February 28, 202226
 - c. Approval of the Treasury Reports as of February 28, 202228

8. Action Items

- a. Approval of Revising Guidelines for Chargeable Member Service Projects
(Sharon Adams) 32

9. Information Items

- a. Solar Phase III Update (Susan Schuman) 41
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***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**

**Board of Directors Meeting
April 21, 2022**

**AGENDA ITEM 2 – RECOGNITION OF
GUESTS**

**Board of Directors Meeting
April 21, 2022**

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

**Board of Directors Meeting
April 21, 2022**

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

**Board of Directors Meeting
April 21, 2022**

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

**Board of Directors Meeting
April 21, 2022**

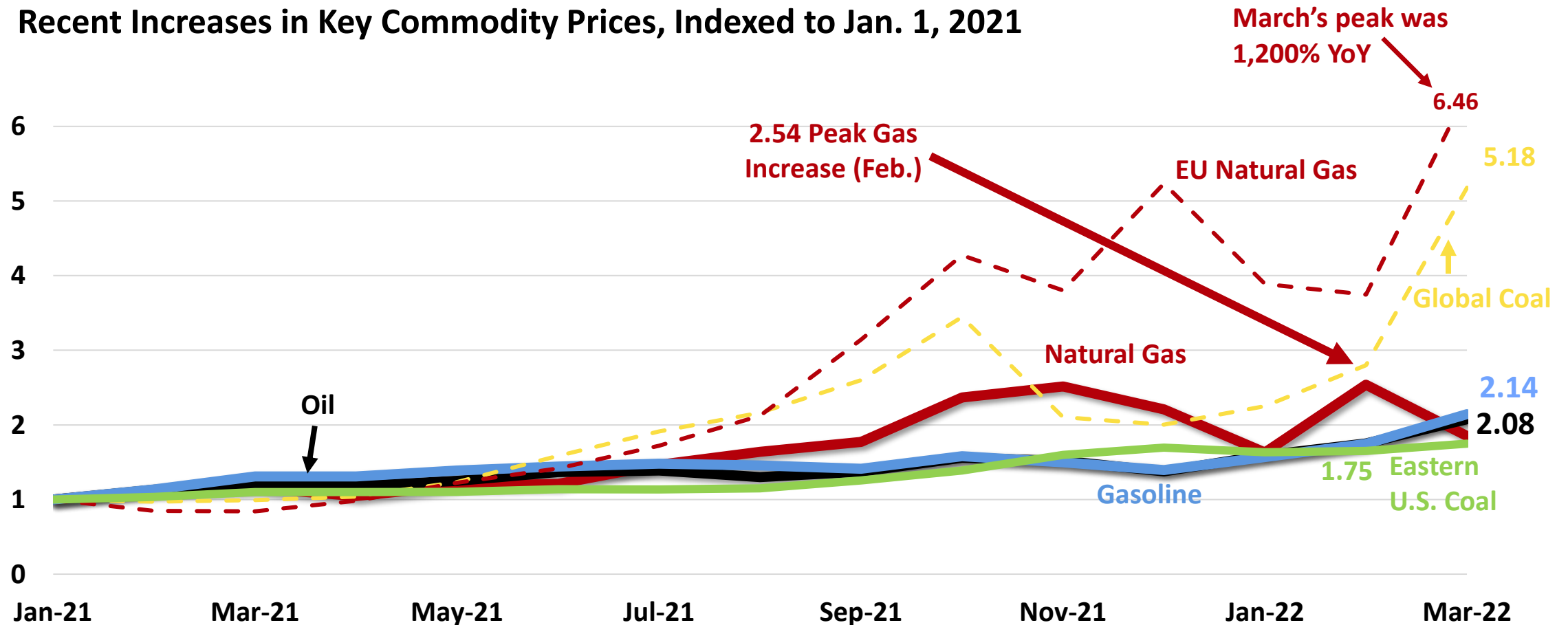
Fiscal 2022 Management Goals – March 2022 Data

Goal		Status	Actual	YTD Actual	YTD Target	FY 2022 Target	Comment
1. Safety	Lost-time Accidents		0	0	0	0	
	OSHA Recordables		0	0	0	0	
2. Compliance	Environmental		0	0	0	0	Compliance doing internal NERC standard-by-standard top-down review. Completed NERC standards PRC-005-6; EOP-004-4; COM-001-3; COM-002-4; IRO-001-4
	Financial		0	0	0	0	
	Regulatory		0	0	0	0	
3. Low Cost (\$/MWh)	Under \$70/MWh		\$99.32	\$91.69	\$77.77	< \$70.00	YTD Feb. 2022 MWh ~1% < budget all-in costs \$13.92/MWh (15%) > YTD target, primarily due to net fuel expense 50% > target; partially offset by A&G 12%, O&M 14% and Assigned Project Costs 9% below target
	Fuel		\$37.28	\$37.77	\$24.03	\$22.00	
	Non-Fuel		\$62.04	\$53.92	\$53.74	\$48.00	
4. Capacity Replacement Plan Complete evaluation of alternatives meeting ARP needs to 2027 & provide Non-ARP members participation options						1	Negotiating details on 155 MW PPA. Signed LOI on purchase of two facilities of ~220 MW. Due diligence process for August ARP decision. Non-ARP members considering purchase

U.S. Energy Prices Up 75% – 155% in Last Year

Global Energy Prices Up 120% – 550% Year Over Year

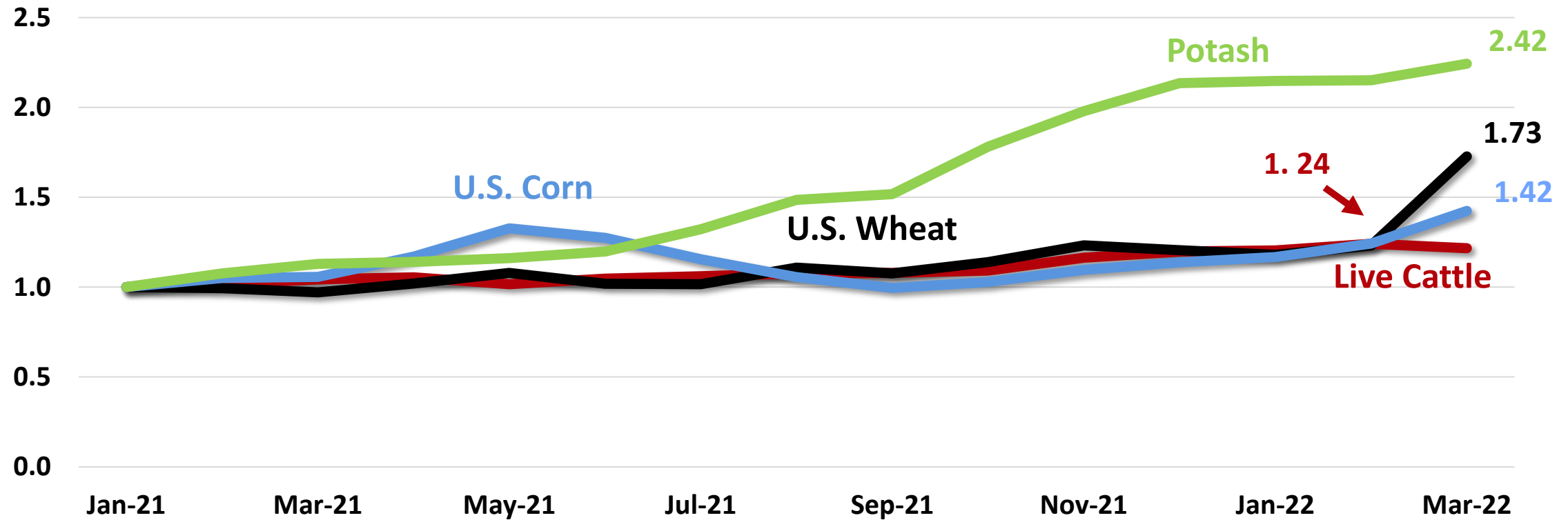
Recent Increases in Key Commodity Prices, Indexed to Jan. 1, 2021



U.S. Agricultural Prices Up 20%-140% in Last Year

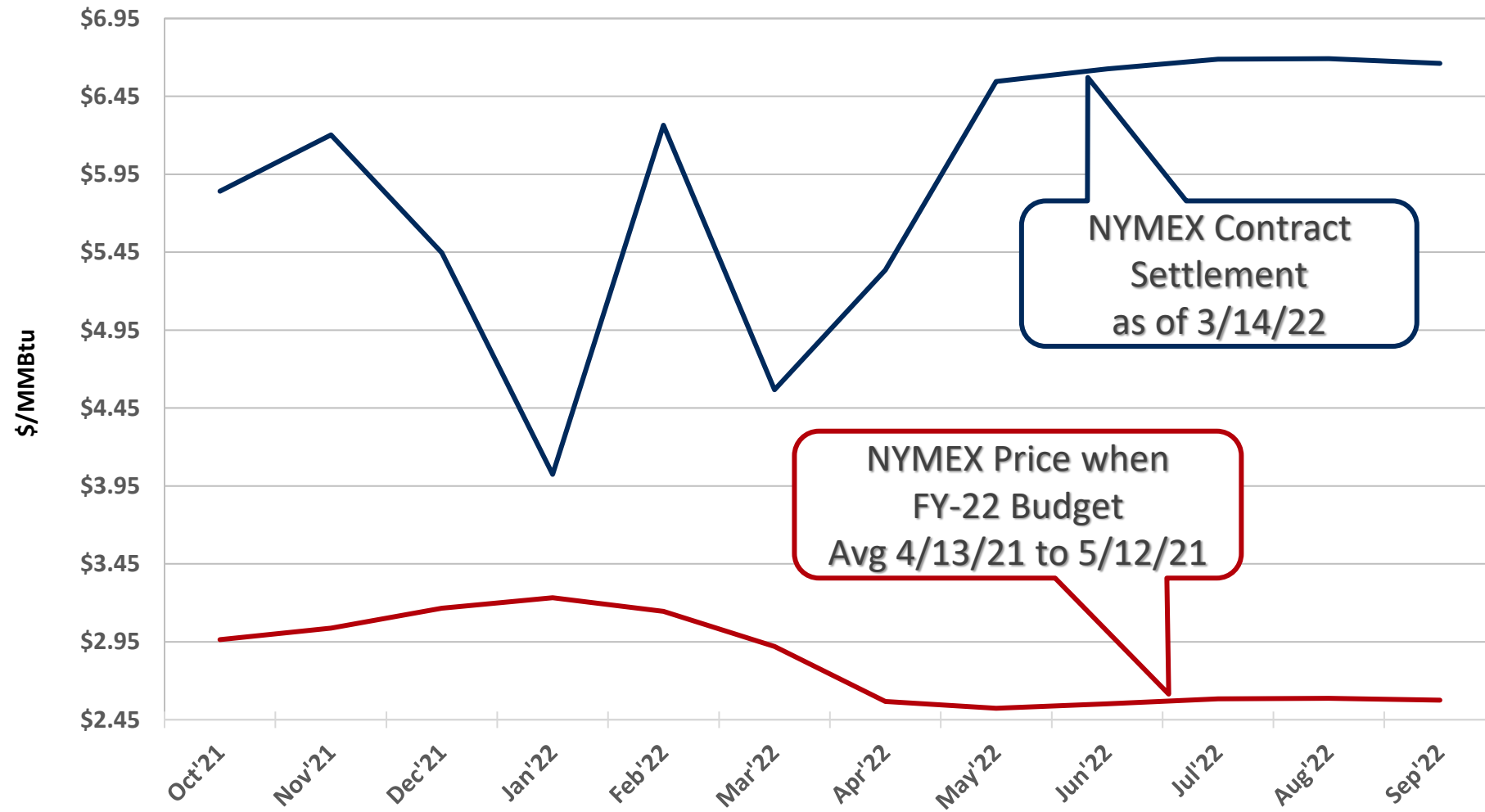
Global Dependency on Raw Materials Increasing Prices

Recent Increases in Key Agriculture Prices, Indexed to Jan. 1, 2021



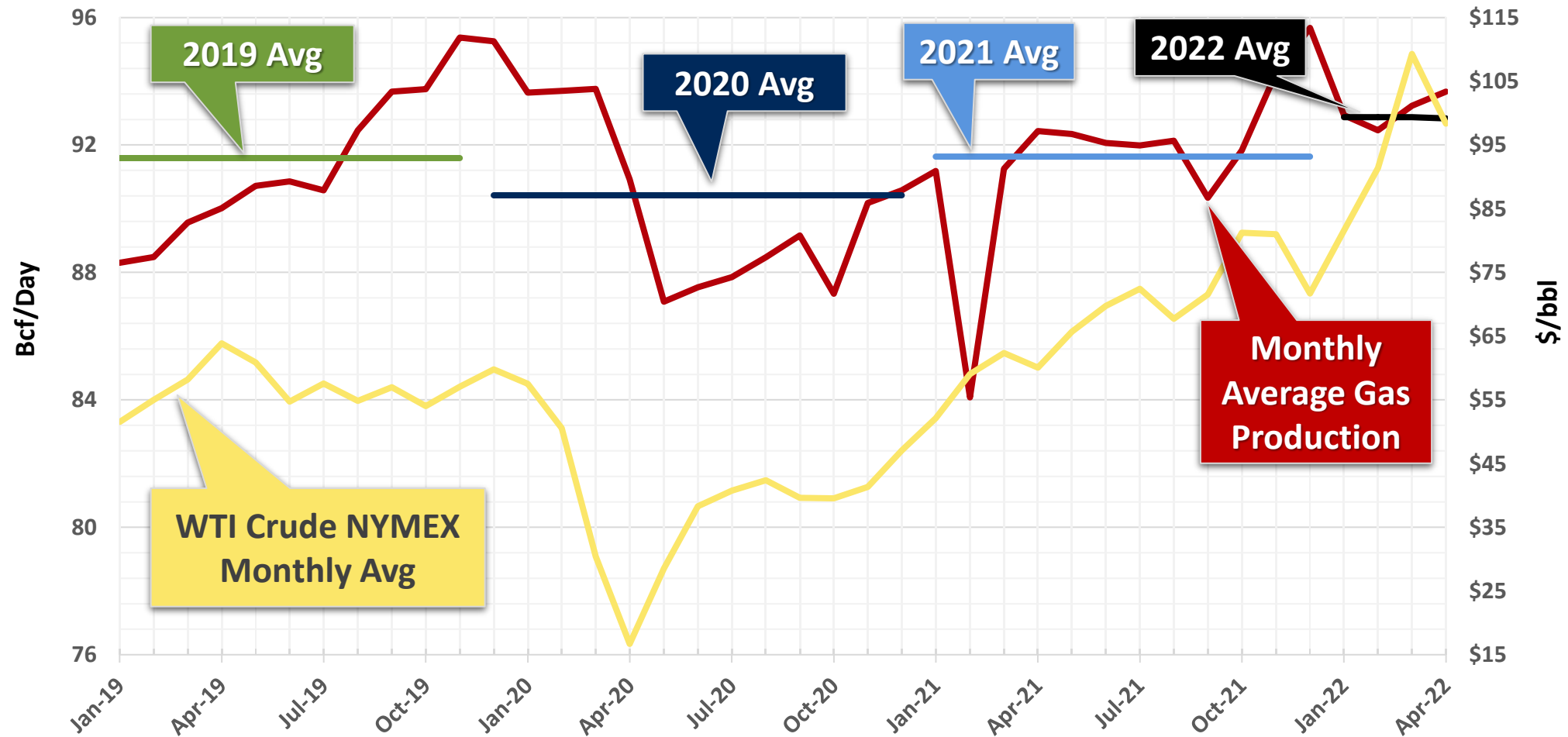
FY 2022 NYMEX Contract \$3.09/MMBtu above Budget

NYMEX Natural Gas FY22 Settlement as of April 11, 2022



Natural Gas Production Lagging Changes in Oil Prices

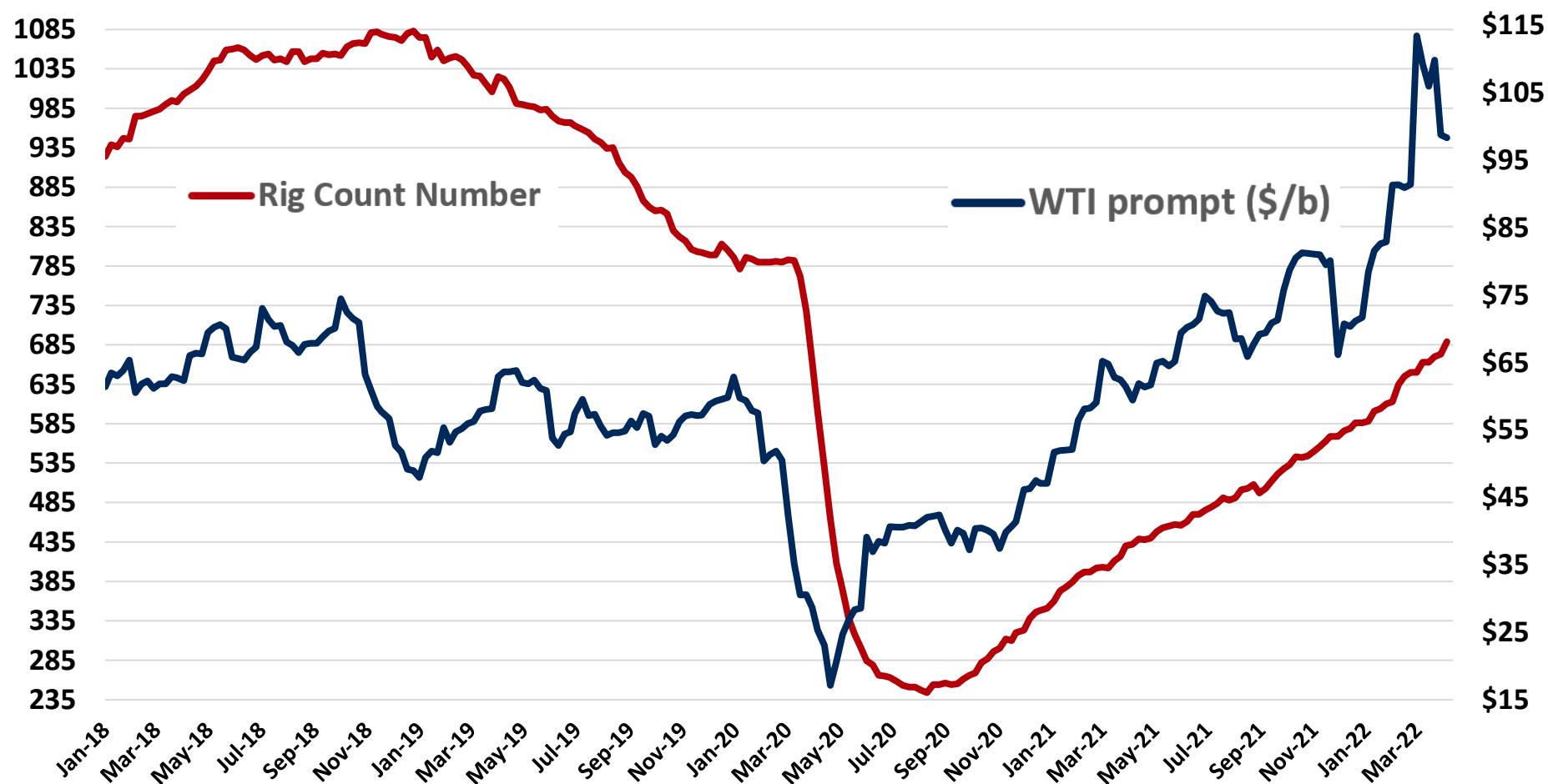
Average Monthly Change Since 2019 to Date (4/11/22)



Drilling Rig Count Slight Increase, Oil Prices Starting to Decline

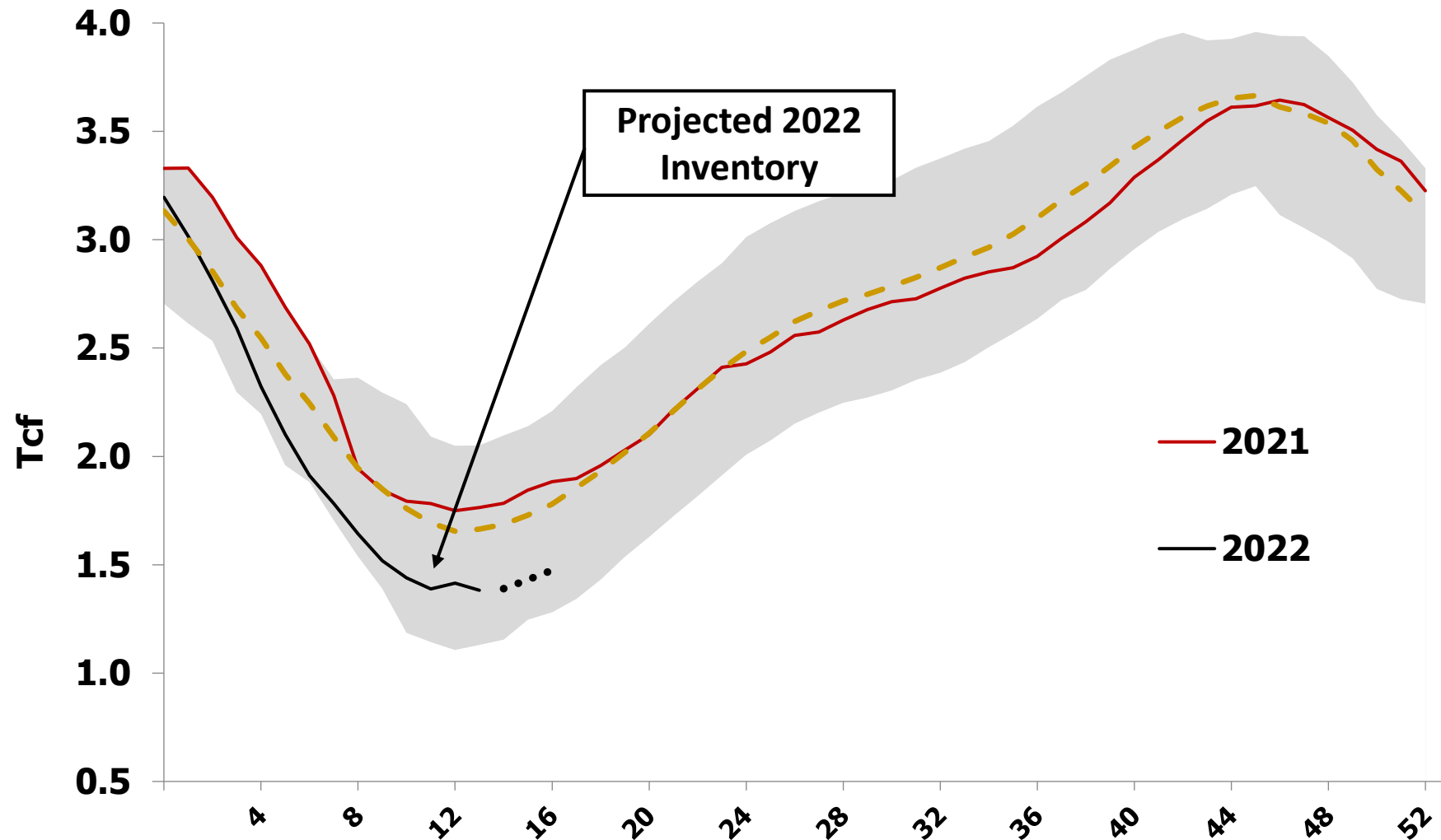
WTI Prices near the \$100 range (as of April 11th)

US Drilling Rig Count vs WTI Prompt



Gas Storage Inventory as of Week Ending April 8th

2022 Storage Season forecasted to remain in the Lower Level of the 5 Year Average



Goal		Status	Actual	YTD Actual	YTD Target	FY 2022 Target	Comment
5. Cyber-security	Breaches		0	0	0	0	
	Phishing tests		6.5%	4.6%	3% or <	3% or <	Four people clicked on a fake DocuSign request from their manager
6. Reliability	CC EAF		82.9%	77.9%	80.4%	89%	Cane 3 scheduled outage went longer, due to OEM steam turbine generator.
	SI black start and trans. backup		100%	82%	100%	100%	Two successful starts for local support and dispatched by the pool for east city issues. 14 of 17 successful YTD
7. Member Reliability	Individual member reliability recommendations/projects		1	4	6	12	Keys Shrimp Rd recloser coordination
8. Member Services	Leadership member visits		5	43	37.5	75	Many power cost adjustment sessions Several visits scheduled for April
	Projects managed for members		4	15	12	24	NSB AMI deployment & PV Feasibility Study, Blountstown new hospital service, Chattahoochee financial modeling

Goal		Status	Actual	YTD Actual	YTD Target	FY 2022 Target	Comment
9. Value of Muni	Presentations, social media		3	6	5	10	Six completed – Newberry, KUA, KEYS, Williston, Starke; Moore Haven Four upcoming - Mt. Dora, Quincy, Chattahoochee, Green Cove Springs
	15K of Prepaid gas min. svgs. of \$0.25/mmBtu		25	32.4	7.5	15k /day	32.4k/day of deals completed at ~\$0.31/mmBtu savings of \$3.1M per year
10. Financing	Refinance Stanton II					1	Forward delivery approved; soft close on 2/28/22; final close set for 7/6/22
11. Solar Phase III							<ul style="list-style-type: none"> • Seven developers responded to RFP; final selection 6/21 • Three to five 75MW sites + battery storage
12. People			1	1	1	2	<ul style="list-style-type: none"> • 41 from team participated in emotional intelligence training • Communications training soon • Completed leadership training for supervisors/potential leaders
			8	8	8	8	

Member Relations Survey Deadline Extended

Members Have Until April 22 to Share Feedback

- Biannual survey distributed to FMPA's Board of Directors, Executive Committee, Finance Committee, PMLC, MSAC and other interested parties
- Purpose is to measure relationship between members and staff, confidence in Agency direction and alignment with member priorities
- Results will be presented during May's Board of Directors meeting



VERBAL REPORT

AGENDA ITEM 6 – SUNSHINE LAW UPDATE

**Board of Directors Meeting
April 21, 2022**

**AGENDA ITEM 7 – CONSENT
AGENDA**

- a. Approval of the Minutes for the
Meeting for the Meeting Held
March 17, 2022**

**Board of Directors Meeting
April 21, 2022**

MINUTES
FMPA BOARD OF DIRECTORS MEETING
FLORIDA MUNICIPAL POWER AGENCY
8553 COMMODITY CIRCLE
ORLANDO, FL 32819
THURSDAY, MARCH 17, 2022
9:00 A.M.

MEMBERS PRESENT Brad Hiers, Bartow (via telephone)
Steve Macholz, Bushnell
Lynne Mila, Clewiston
Javier Cisneros, Fort Pierce
Bob Page, Green Cove Springs (via telephone)
Barbara Quinones, Homestead
Allen Putnam, Jacksonville Beach (via telephone)
Lynne Tejeda, Key West (via telephone)
Larry Mattern, Kissimmee
Ed Liberty, Lake Worth Beach (via telephone)
Michael Beckham, Lakeland (via telephone)
Jim Williams, Leesburg * (via telephone)
Steve Langley, Mount Dora
Joe Bunch, New Smyrna Beach (via telephone)
Doug Peebles, Ocala
Claston Sunanon, Orlando
Keith Trace, St. Cloud (via telephone)

*joined after roll call.

OTHERS PRESENT Daniel Retherford, Fort Pierce
Billy Branch, Homestead (via telephone)
Jason Terry, Kissimmee (via telephone)
Chad Lynch, Ocala
Yvette Sanchez, Power Engineers

STAFF PRESENT Jacob Williams, General Manager and CEO
Jody Finklea, General Counsel and CLO
Ken Rutter, Chief Operating Officer
Dan O'Hagan, Assistant General Counsel and Regulatory Compliance Counsel
Sue Utley, Executive Asst. /Asst. Secy. to the Board
Mike McCleary, Manager of Member Services Development
Sharon Adams, Vice President of Human Resources & Shared Services
Cairo Vanegas, Manager of Member Services Development
Susan Schumann, Manager of External Affairs and Solar Projects
Carl Turner, Engineering Services Director

David Schumann, Power Generation Fleet Director
Chris Gowder, Business Development and Systems Operations Director
Carter Manucy, IT/OT & Cybersecurity Director
LaKenya VanNorman, Regulatory Compliance Specialist
John Lee, Transmission Planning Engineer III
Rich Popp, Treasurer and Risk Director
Maria Veiga, Human Resources and Administrative Services Manager
Ryan Dumas, Senior Public Relations Specialist
Rachel Ilardi, Public Relations Specialist
Angel Dias, IT Support Specialist
Wayne Koback, IT Manager

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, March 17, 2022, 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 16 members present representing 26.5 votes out of a possible 47.5. Jim Williams, Leesburg, joined after roll call bringing the total members present to 17 representing 28.5 votes out of a possible 47.5

ITEM 2 – Recognition of Guests

Chair Barbara Quiñones welcomed Daniel Retherford, Fort Pierce and Chad Lynch, Ocala. Yvette Sanchez, Power Engineers, stated she was on the phone.

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

None

ITEM 4 – SET AGENDA (by vote)

MOTION: Larry Mattern, Kissimmee, moved approval of the agenda as presented. Javier Cisneros, Fort Pierce, seconded the motion. Motion carried 28.5 – 0.

ITEM 5 – REPORT FROM THE GENERAL MANAGER

Jacob Williams reported on the following items:

1. Michael Shellenberger Presentation April 20
2. Recloser Deployments
3. Lineworker Safety Program
4. Goals Scorecard

ITEM 6 – SUNSHINE LAW UPDATE

Jody Finklea reported for Dan O'Hagan on the appearance of two or more of your governing body members, including the FMPA Board members, being seen in public

together at the same function that could possibly be construed by the public as a violation of the Sunshine Law, even if no governing body business was discussed.

ITEM 7 – CONSENT AGENDA

- a. Approval of Minutes – Meeting Held February 17, 2022
- b. Approval of the Projects' Preliminary Financials as of January 31, 2022
- c. Approval of the Treasury Reports as of January 31, 2022

MOTION: Larry Mattern, Kissimmee, moved approval of the Consent Agenda as presented. Doug Peebles, Ocala, seconded the motion. Motion carried 28.5 – 0.

ITEM 8 – ACTION ITEMS

- a. None

ITEM 9 – INFORMATION ITEMS

a. Revising Guidelines for Chargeable Member Service Projects

Mike McCleary presented the recommendation from the Member Services Advisory Committee to lower the threshold for chargeable Member Service Projects from 120 hours to 80 hours.

b. Human Resources Quarterly Report

Jacob Williams presented the Human Resources Quarterly Report.

c. Results of Stanton II Project Series 2022 A Bond Closing

Rich Popp reported the results of the Stanton II Project Series 2022 A bond closing.

d. Quarterly Compliance Update

LaKenya VanNorman presented the Quarterly Compliance Update.

ITEM 10 – MEMBER COMMENTS

Javier Cisneros, Fort Pierce, thanked Dan O'Hagan for the Sunshine Law Presentation he gave at the Fort Pierce Utilities Authority Board meeting.

Larry Mattern, Kissimmee, thanked John Lee for his 35 years of service to FMPA's members. He said John is known throughout the state for work on transmission planning. He wished him well in retirement.

ITEM 11 – ADJOURNMENT

There being no further business, the meeting was adjourned at 10:08 a.m.

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
February 28, 2022**

**Board of Directors Meeting
April 21, 2022**



Linda S. Howard, CPA, CTP
Chief Financial Officer

AGENDA PACKAGE MEMORANDUM

TO: FMPA Board of Directors
FROM: Linda Howard
DATE: April 12, 2022
ITEM: 7b – Approval of Projects’ Financials as of February 28, 2022

Discussion: The summary financial statements and detailed financial statements, which include GASB #62 transactions, of the Projects for the period ended February 28, 2022 are posted on the Document Portal section of FMPA’s website.

Recommended: Move approval of the Projects’ Financial Reports for the month ended February 28, 2022.

LH/GF

**AGENDA ITEM 7 – CONSENT
AGENDA**

**c. Approval of the Treasury Reports
as of February 28, 2022**

**Board of Directors Meeting
April 21, 2022**



AGENDA PACKAGE MEMORANDUM

TO: FMPA Board of Directors
FROM: Gloria Reyes
DATE: April 21, 2022
ITEM: BOD 7(c) – Approval of Treasury Reports as of February 28, 2022

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

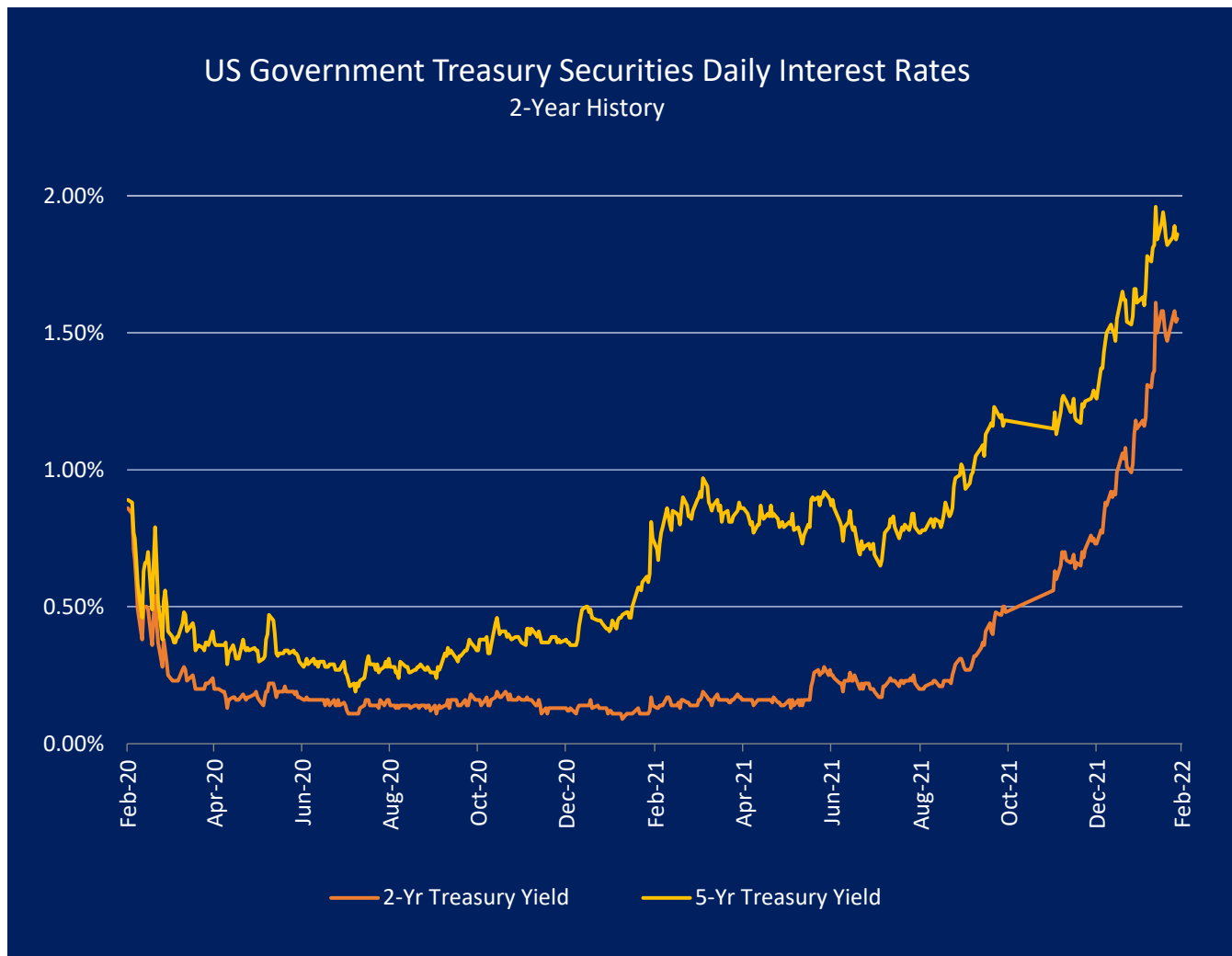
The Treasury Department reports for June are posted in the member portal section of FMPA's website.

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 February 28, 2022.

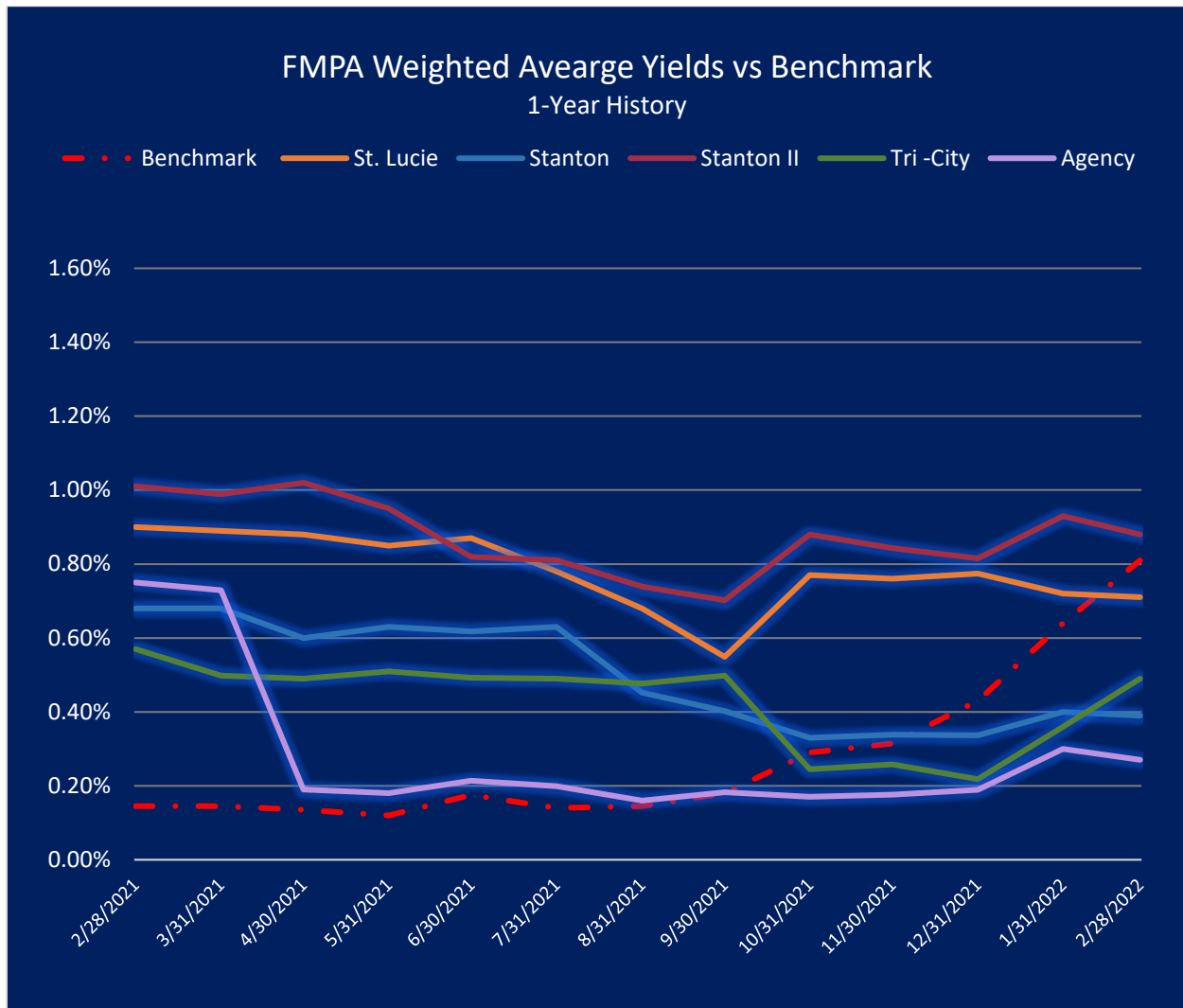
	Total debt Outstanding	Fixed Rate	Variable Rate	Synthetically Fixed
Agency	0.00	0%	0%	0%
St Lucie	80,790,000	100%	0%	0%
Stanton	0.00	0%	0%	0%
Stanton II	89,548,354	100%	0%	0%
Tri City	0.00	0%	0%	0%

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 February at 1.44%. The yellow line is the 5-year Treasury which was 1.71%.



The weighted average yields on investments earned as of February 28, 2022, 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 February 28, 2022.

AGENDA ITEM 8 – ACTION ITEMS

- a. Approval of Revising Guidelines
for Chargeable Member
Service Projects**

**Board of Directors Meeting
April 21, 2022**



8a – Approval of Revising Guidelines for Chargeable Member Service Projects

Board of Directors

April 21, 2022

Highlights of FMMPA's Existing Chargeable-Service Policy

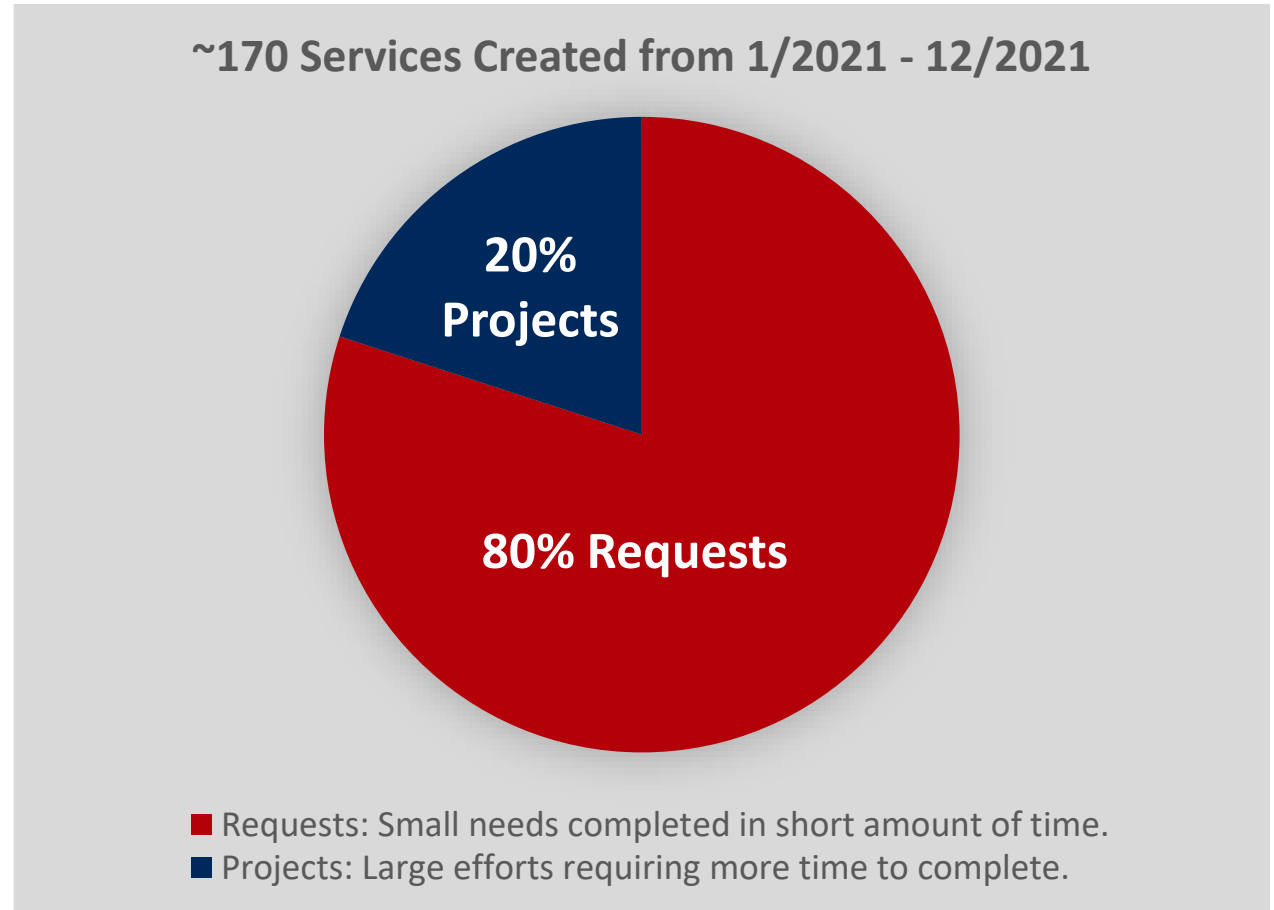
Billings Contribute to Cost Recovery for Significant Services

- Existing policy approved by MSAC in October 2019 and by FMMPA's Board of Directors in January 2020
- “Significant projects” defined as more than 120 staff hours, includes worked performed by FMMPA or FMMPA's project-management efforts
- First 120 hours provided at no cost as a member benefit
- Applies to “distinct projects” “within a particular project period” that “divert FMMPA human resources from their primary function”
- Hours in excess of 120 charged at rate of average salary plus benefits for FMMPA's subject-matter-expert pay grades

FMPA Initiated ~170 Individual Service Projects/Request

*Provided Services Supporting 30 of FMPA's 31 Members**

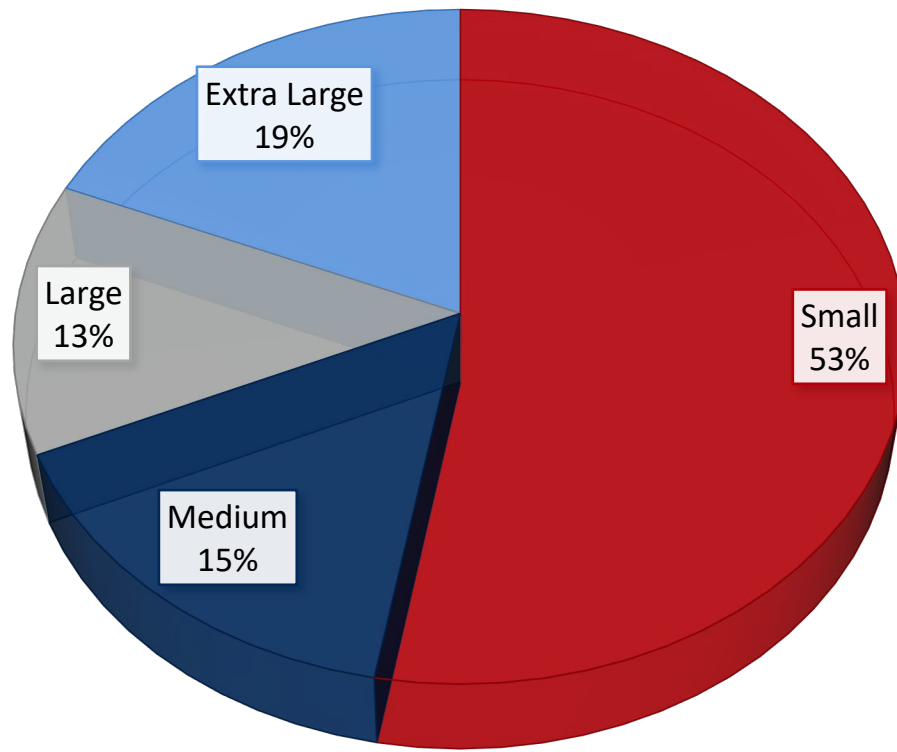
- FMPA initiated ~170 service projects/requests for individual members in 2021
- Only 7 were over the 120-hour threshold
- The services supported 30 of FMPA's 31 members



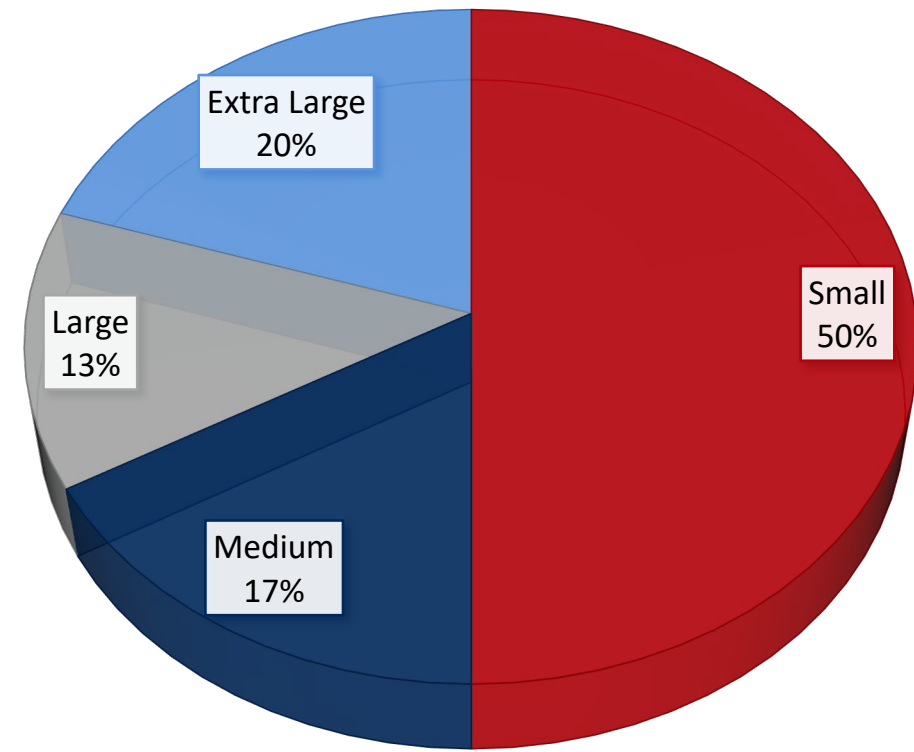
Individual Services Provided to Members of All Sizes

Breakdown of Services by Utility Size Mirrors FMPA's Members

SERVICES BY UTILITY SIZE



% OF MEMBERS IN EACH GROUP



In Past 2 Years, 7 Projects with Estimates \geq 120-Hours

Most Projects Fall Below the Chargeable 120-Hour Threshold

Completed Projects	Estimated Hours	Actual Hours	Chargeable Hours	Revenue ¹
Operational Business Plan	188	176.5	56.5	\$5,650
Information Technology Assistance	370	371.25	251.25	\$25,125
Financial Statement Preparation	140	76.5	--	

Ongoing Projects	Estimated Hours	Actual Hours to Date	Potentially Chargeable	Potential Revenue ¹
Substation Project	116	36.5	0	--
Substation Interconnection	388	107	268	\$26,800
Financial Statement	120	31	0	--
Substation Interconnection	406	61	286	\$28,600

Financial Impact of Policy, Plus an Option to Consider

Policy Intent to Offset Significant Services, Not Cover All Costs

Projects	Actual Hours to Date/ <i>Estimate</i>	Revenue at the Current 120-Hour Threshold	OPTION Revenue at an 80-Hour Threshold
Operational Business Plan	176.5	\$5,650	\$9,650
Information Technology Assistance	371.25	\$25,125	\$29,125
Financial Statement Preparation	76.5	--	--
Substation Project	116	--	\$3,600
Substation Interconnection	388	\$26,800	\$30,800
Financial Statement	120	--	\$4,000
Substation Interconnection	406	\$28,600	\$32,600
TOTAL		\$86,175	\$109,775

For the most active project managers, 80 hours/project, times 12 projects would equal nearly 50% of their annual time.

MSAC Recommends to Reduce the Threshold

Mitigate Any Subsidy Concerns

- MSAC requested periodic updates on policy's implementation
- During the first two years of implementation, there have been seven chargeable projects above or near the 120-hour threshold
- To mitigate any potential concerns about subsidizing individual members projects, MSAC decided to reduce the threshold
- Several FMPA members that used services indicated they would be willing to pay more, considering the services/value they received
- Reducing chargeable threshold to 80-hours will not impact current projects

Action Item

Move approval of the MSAC recommendation to change billable hours policy threshold from 120 hours to 80 hours.

**AGENDA ITEM 9 – INFORMATION
ITEMS**

a. Solar Phase III Update

**Board of Directors Meeting
April 21, 2022**



9a – Solar Phase III Update

Board of Directors

April 21, 2022

Solar III Request for Proposals Issued Jan. 14

Encourages Creative Solutions to Address Needs

- Potentially two to five 75 MW sites (up to ~375 MW)
 - Commercial operation no later than Dec. 31, 2026
- Power Purchase Agreement (PPA)
 - 20-year, \$/MWh pricing
 - Term extension or facility purchase options
- Turnkey Engineering, Procurement and Construction (EPC)
 - Total cost of delivered, commercially operational facility
 - Potential for member-owned sites
- Options for co-located battery storage, including potential future installation
- Consideration of existing or potential future tax incentives
- Duke and FPL Interconnection

Several Potential Bidders Identified

Flexibility to Select Multiple Developers, Sites and Options

- Evaluations will be based on:
 - Cost
 - Financial viability
 - Site control
 - Diversity of geographic location
 - Implementation schedule
 - Transmission solutions
 - Municipal experience in Southeast U.S.
 - Operations and maintenance strategies

Developer Interest for Project High

Good Response from Credible Developers

- RFP sent to 16 developers
 - Seven responses; 28 potential sites
- Notification of short-listed proposers pending
 - Three potential short-listed proposers; ~18 sites
 - Diverse geographical locations for maximum solar exposure
 - Putnam, Taylor, Levy, Polk, Suwanee, Alachua, Manatee, Leon, Wakulla, Santa Rosa, Columbia and Marion counties
- Cost ceiling <~\$34/MWh (solar only; levelized over 20 years)
- Storage options varied, highly dependent on size and use case
 - Most attractive prices less than \$5 per MWh adder to solar-only pricing

Phase III RFP Schedule – December 2022 Execution

Currently Evaluating and Identifying Short-list

Milestone	Date
RFP Issued	Jan. 14, 2022
Questions Due from Proposers	Feb. 11, 2022
FMPA Provides Responses to All Questions	Feb. 18, 2022
Proposer Responses Due	March 6, 2022
Notify short-listed Proposers	May 3, 2022
Best & Final pricing from short-listed proposers	May 31, 2022
Final Selection	June 21, 2022
Complete negotiations	July 31, 2022
FMPA Board approvals	November 2022
Execution of Agreement(s)	December 2022

Continuing to Identify Member Interest

Participant Notification by July 1, 2022

- Potential for large anchor tenants
 - FMPA ARP assuming 100 MW
 - Potentially other large members
 - Additional participants provide economies of scale, favorable pricing
- Project flexibility will increase member interest
- Transmission constraints will require solutions
- Diverse geographical locations for maximum solar exposure

U.S. Dept. of Commerce Investigation

March 28 Announcement Affects Imports of Solar Panels

- Will determine whether imports of solar panels from four countries in Southeast Asia circumvents “anti-dumping” rules
 - Tariff intended to restrict direct imports from China
- Could impact up to 80% of planned solar projects in the U.S.
 - Additional duties could result in cost increases of 50% to 250%
 - Potential delays in deliveries and construction
- Preliminary determination expected in August
- Potential impacts to FMSP unknown

**AGENDA ITEM 9 – INFORMATION
ITEMS**

b. 2021 Reliability Update

**Board of Directors Meeting
April 21, 2022**



9b – 2021 Reliability Update

Board of Directors

April 21, 2022

Electric Reliability Improved throughout Florida

Munis Meet SAIDI Goal, Leading IOU Achieves New Record

Distribution Reliability Indices, Calendar Year 2021

Best Performance Highlighted in Green, Second Best Highlighted in Yellow

	Munis	FPL	TECO	Duke	Gulf	FPUC
Duration (SAIDI)	60	44	85	75	39	137
Restoration Time (CAIDI)	56	63	79	89	61	100
Frequency (SAIFI)	1.06	0.70	1.07	0.84	0.63	1.36
Momentaries (MAIFle)	2.89	2.31	6.50	4.60	1.60	n/a
Length (L-Bar)	104	183	175	144	98	103

SOURCES: Investor-owned data from Florida Public Service Commission. Municipal data weighted average for utilities in FMPA's Distribution Reliability Measurement Program.

Florida Muni Performance for All Indices Improved

Utilities Experienced Fewer Customer Interruptions in 2021

Distribution Reliability Indices, Calendar Year 2021

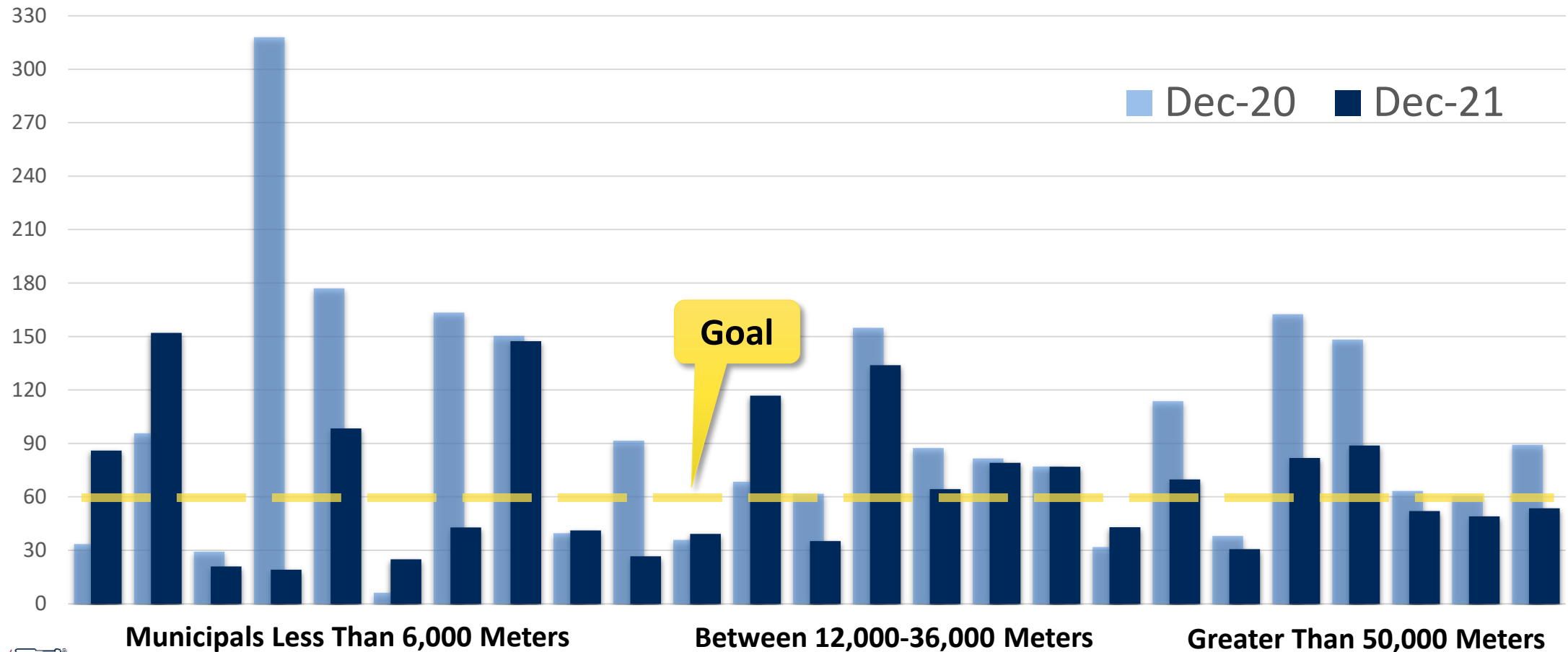
	Munis	FPL	TECO	Duke	Gulf	FPUC
Duration (SAIDI)	60	44	85	75	39	137
Restoration Time (CAIDI)	56	63	79	89	61	100
Frequency (SAIFI)	1.06	0.70	1.07	0.84	0.63	1.36
Momentaries (MAIFle)	2.89	2.31	6.50	4.60	1.60	n/a
Length (L-Bar)	104	183	175	144	98	103

SOURCES: Investor-owned utility data from filings at the Florida Public Service Commission. Municipal data weighted average for utilities in FMPA's Distribution Reliability Measurement Program.

2021 SAIDI Data Showing Improvement

17 of 25 Cities Improved SAIDI; 13 Had Duration Under 60 Minutes

Average Outage Duration (SAIDI) for Municipals That Provide Data to FMPA



Proposing New Size Groups to Participants

Reasons for change:

- Re-balance number of members in each category
- Avoid lines of demarcation separating members having very similar customer counts.
- Looking for feedback from members

Current Grouping	Municipal Utilities	Customers (as of Dec. 21)	Proposed Grouping
SMALL	Blountstown	1,265	SMALL
	Havana	1,466	
	Bushnell	1,614	
	Newberry	2,299	
	Starke	2,815	
	Wauchula	2,870	
	Clewiston	4,184	MEDIUM
MEDIUM	Alachua	5,076	
	Mt Dora	5,893	
	Bartow	12,485	
LARGE	Winter Park	14,657	LARGE
	Leesburg	26,119	
	Homestead	27,293	
	Lake Worth	27,350	
	Fort Pierce	28,972	
	New Smyrna Beach	30,446	
EXTRA-LARGE	Keys Energy	31,324	EXTRA-LARGE
	Beaches Energy	35,725	
	Ocala	54,338	
	Kissimmee	87,249	
	Gainesville	101,092	
	Tallahassee	126,697	
	Lakeland	130,935	
	Orlando	265,753	EXTRA-LARGE
	JEA	497,976	

60 Minute SAIDI is a 32% Improvement from 2020

13 Cities Have SAIDI Below 60, Nearly Double Previous Year

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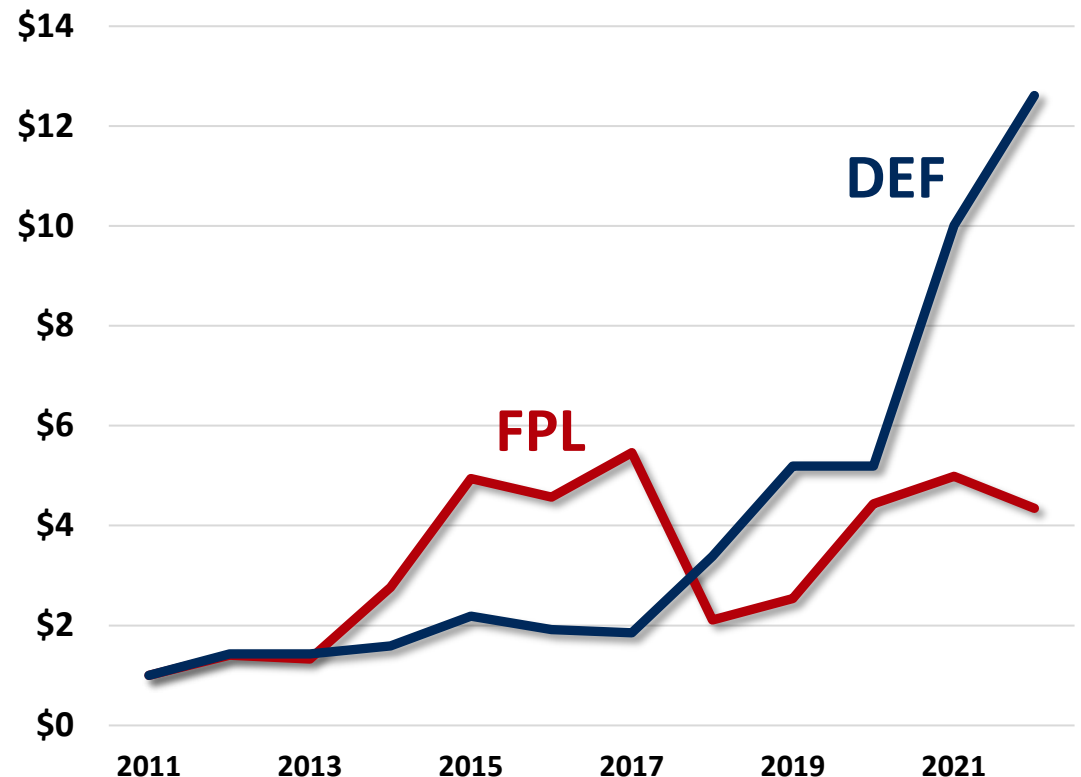
Small	Medium	Large	Extra Large
Newberry	Clewiston	Homestead	GRU
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IOUs Continue Long-Term Commitment to Reliability

Utilities Spending ~4-12 Times More Since 2011

- Initial incremental increases made to comply with FPSC mandates
- Significant investments in 'smart grid' technology followed
- In contrast, municipal distribution spending has been mostly flat in last five years

Annual Reliability Budgets Relative to Base Year



*SOURCE: IOU Distribution Reliability Reports

Growing Member Interest for Reliability Projects

FMPA Support Available from SMEs and Consultants

- Fort Meade: recloser deployments (complete), breaker #5 replacement
- Bartow: TripSaver deployments (Ph 1 & 2 completed; Ph 3 on-going), protection coordination study
- New Smyrna Beach: 5-Year Construction Work Plan (complete), maintenance programs best practices
- Mount Dora: Protection coordination review on two feeders
- Alachua: TripSaver deployments
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- Keys: Shrimp Road recloser coordination

Positive Member Feedback on Reliability Projects

Members Who Used the Service Seeing Benefits

- Bartow
 - Satisfied with the results on laterals with history of outages related to osprey nests
- Fort Meade
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**AGENDA ITEM 9 – INFORMATION
ITEMS**

c. Pooled Loan Program Update

**Board of Directors Meeting
April 21, 2022**



9c – Pooled Loan Program Update

Board of Directors

April 21, 2022

Pooled Loan Program Update

New and Projected Activity Support Continued Demand of Program

- Par amount issued \$21.8M; current capacity **\$25M**

- Bushnell – \$7.9M
- Homestead – \$8.6M
- Stanton II – \$3.9M
- Clewiston – \$1.4M

- Potential Pooled Loans on the horizon ~ **\$17M+**

Starke	ARP Future Projects
\$2.0M	\$15.0M - \$25.0M

- Current terms with credit provider set to expire June 2022

Pooled Loan Agreement Update

Continue Meeting Member Needs

- Amend terms of pooled loan agreement
 - New \$25M capacity
 - Increase maximum individual loan amount to \$15M
 - Extend term to Oct. 1, 2025
 - Replace LIBOR language terms with 1-Month Term SOFR
- Assist to meet members' current and future pooled loan demand

Next Steps

Currently Taking Place

- Staff negotiated amendment to loan agreement
 - Term, Capacity, individual Loan Amount and Variable Rate alternative to LIBOR
- FMPA's Legal and Bond Counsel sign off on amendment
- FMPA's authorized signatories (subject to any further information requested by the board) and First Horizon signing the Amendment



9b – 2021 Reliability Update

Board of Directors

April 21, 2022

Electric Reliability Improved throughout Florida

Munis Meet SAIDI Goal, Leading IOU Achieves New Record

Distribution Reliability Indices, Calendar Year 2021

Best Performance Highlighted in Green, Second Best Highlighted in Yellow

	Munis	FPL	TECO	Duke	Gulf	FPUC
Duration (SAIDI)	60	44	85	75	39	137
Restoration Time (CAIDI)	56	63	79	89	61	100
Frequency (SAIFI)	1.06	0.70	1.07	0.84	0.63	1.36
Momentaries (MAIFle)	2.89	2.31	6.50	4.60	1.60	n/a
Length (L-Bar)	104	183	175	144	98	103

SOURCES: Investor-owned data from Florida Public Service Commission. Municipal data weighted average for utilities in FMPA's Distribution Reliability Measurement Program.

Florida Muni Performance for All Indices Improved

Utilities Experienced Fewer Customer Interruptions in 2021

Distribution Reliability Indices, Calendar Year 2021

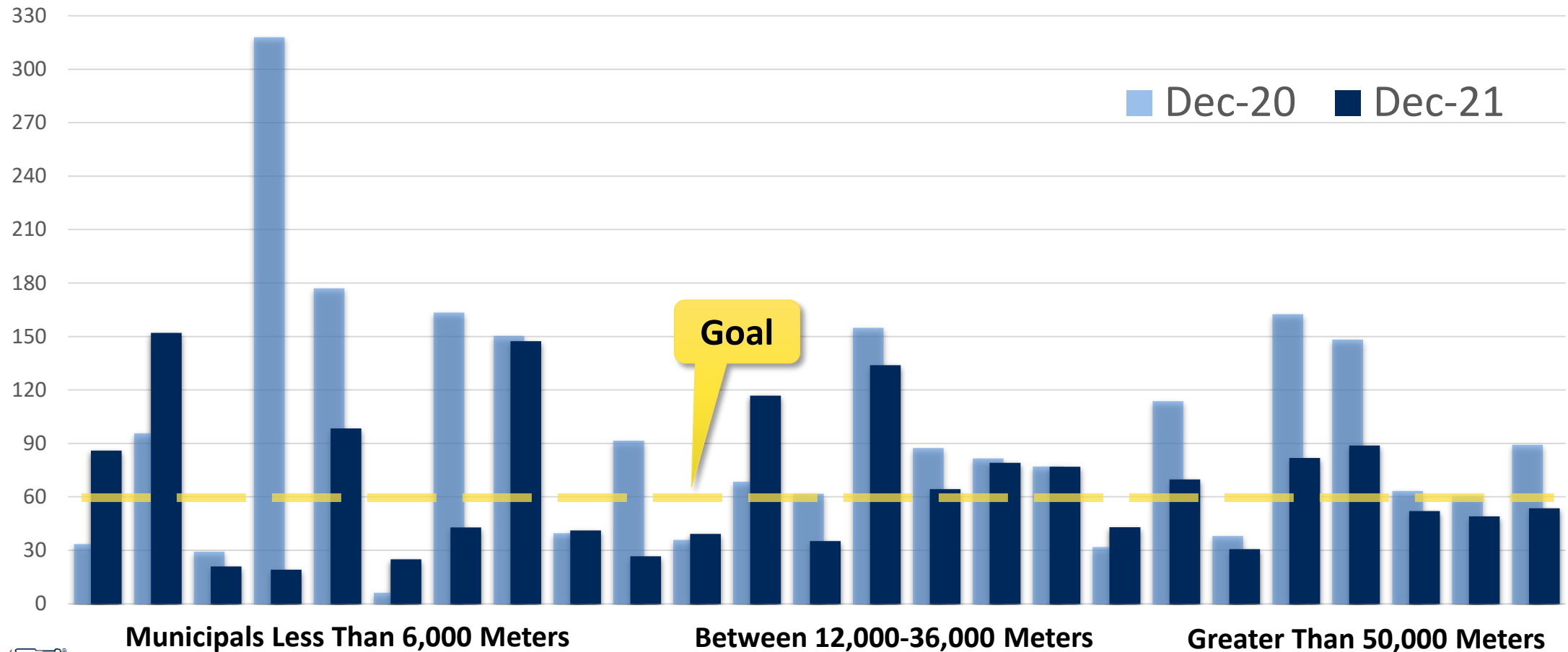
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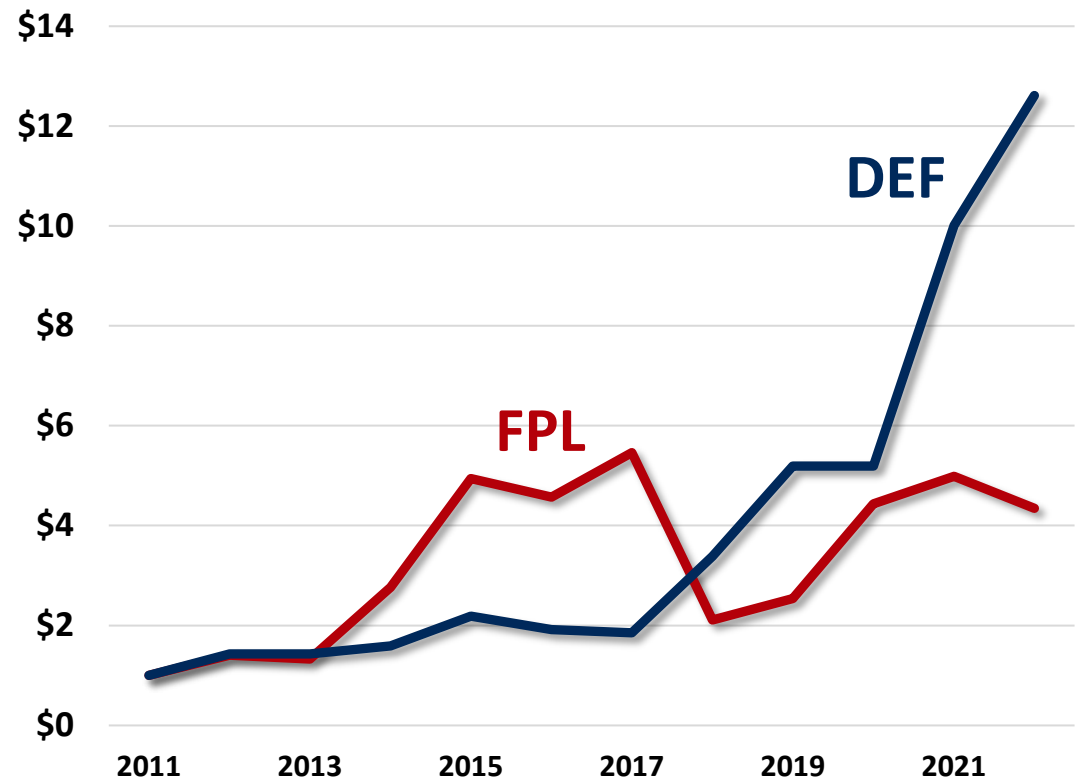
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**AGENDA ITEM 9 – INFORMATION
ITEMS**

**d. Summary of Finance Committee
Items**

**Board of Directors Meeting
April 21, 2022**



9d -Summary of Finance Committee Items

Board of Directors

April 21, 2022

Other Items

Review and/or Approval Required

- Approval of 2023 operating budgets and five-year capital plans
- Annual continuing disclosure Training
- Pooled Loan amendments
- Forward delivery transaction – hard closings planned for July
- Approval of Risk Policy changes

**AGENDA ITEM 9 – INFORMATION
ITEMS**

**e. Potential Use of Development
Fund**

**Board of Directors Meeting
April 21, 2022**



9e – Potential Use of Development Fund

Board of Directors

April 21, 2022

All Requirements Project Exploring Capacity Acquisition

Due Diligence Requires External Legal and Technical Support

- ARP has “mid-term” capacity need for peaking generation
- Alternatives under review, including potential acquisition of existing natural gas-fired generation assets
- External expertise required to assess viability and economics and to assist with legal agreements
- External expenses estimated to be less than \$350,000
- These due diligence expenses can be capitalized with the assets, if acquisition moves forward
- ARP requests utilization of the Development Fund in the interim to fund the investigation

ARP has Total Need up to ~280 MW through 2030

Staff Recommending Acquisition as Primary Option for West

- ARP peaking need of ~120-280 MW through 2030
 - Asset retirement 2025
 - PPA expiration 2027
- Low-cost options under review
 - Acquisition of ~220 MW located in strategic area (Duke BA) subject to due diligence
- Economical surplus capacity may provide value to some non-ARP members



Mulberry



Orange

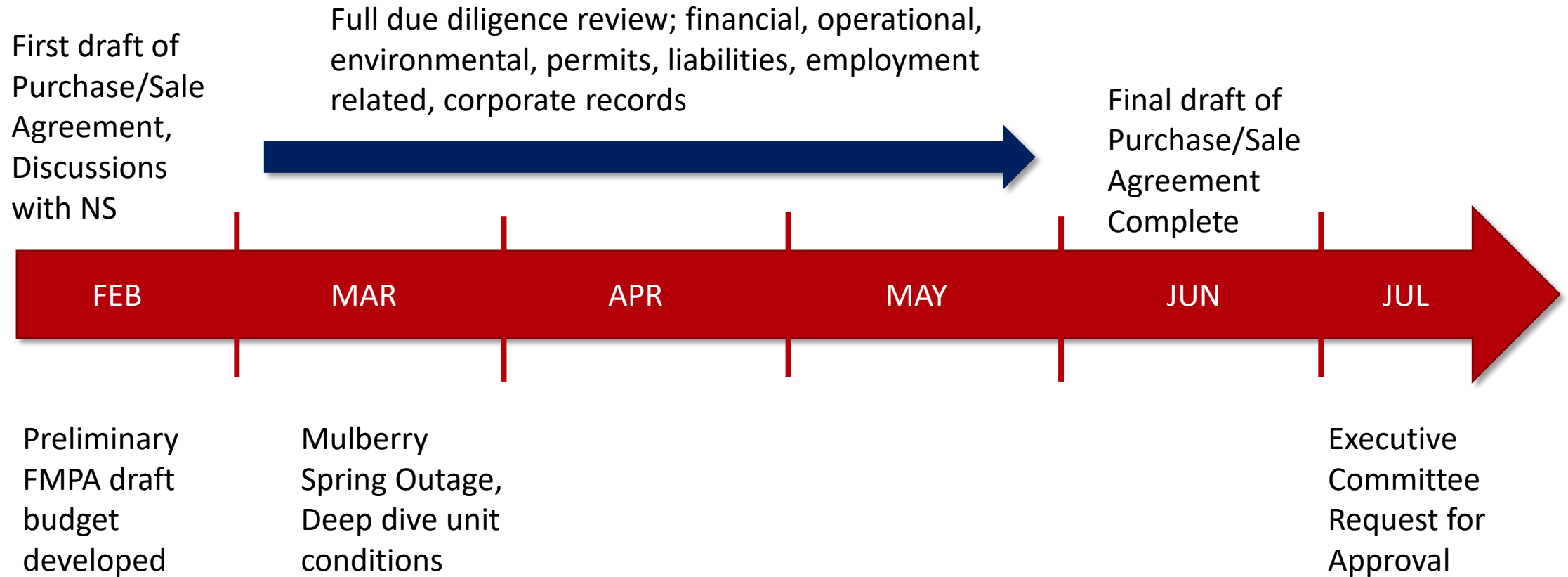
Comprehensive Due Diligence Ongoing, On Schedule

Many Dimensions to be Reviewed Prior to Seeking Approval



Four to Six Months to Complete Due Diligence

Schedule Dependent on Business and Operational Reviews



Expenses Split Between Legal, Technical Assessments

Requesting Utilization of ~7% of Existing Development Fund

- Development Fund current balance roughly \$5 million
- ARP will seek authorization for utilization of \$350,000

	Cost
Legal and Contractual Requirements	\$150,000
Technical Assessment of Assets	\$140,000
Independent Alternative Resource Assessment	\$60,000
Total	\$350,000

**AGENDA ITEM 10 – MEMBER
COMMENTS**

**Board of Directors Meeting
April 21, 2022**

AGENDA ITEM 11 – ADJOURNMENT

**Board of Directors Meeting
April 21, 2022**