

#### MEETING AGENDA PACKAGE

### **Policy Makers Liaisons Committee**

April 19, 2023 12:30 p.m. to 2:00 p.m.

#### Meeting Being Held at:

Florida Municipal Power Agency 8553 Commodity Circle, Orlando, FL 32819

Dial-in information: 321-299-0575, Access Code 219

017 218 608#

Link: Click here to join the meeting

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#### **Policy Makers Liaisons Committee**

Robert Page, Green Cove Springs - Chair Mike Eastburn, Bushnell Vacant, Clewiston Vacant, Fort Meade Michael Broderick, Fort Pierce Javier Cisneros, Fort Pierce Alternate Vacant, Town of Havana George Forbes, Jacksonville Beach Tim Root, Key West Robert Barrios, Key West Alternate Ethel Urbina, Kissimmee Rae Hemphill, Kissimmee, Alternate Jimmy Burry, Leesburg Vacant, Newberry Jim Hilty, Ocala – Vice Chair Kolby Urban, St. Cloud Scott Roberts, Starke

Community Power + Statewide Strength



#### **MEMORANDUM**

TO: Policy Makers Liaisons Committee

FROM: Susan Schumann

DATE: April 12, 2023

RE: Policy Makers Liaisons Committee Meeting

Wednesday, April 19, 2023 at 12:30 p.m. [NOTE TIME]

PLACE: FMPA, 8553 Commodity Circle, Orlando, FL, Board Room

TEAMS: In-Person and Telephonic/Teams – 321-299-0575

Meeting Number 219 017 218 608#
Link: Click here to join the meeting

(If you have trouble connecting, please call 407-355-7767)

#### Chair Bob Page, Presiding

The mission of the Committee is to facilitate the education of elected or appointed governing body members of FMPA's member utility systems, and to foster opportunities for greater communication and knowledge among governing body members regarding the business and projects of FMPA.

#### **AGENDA**

- 1. Call to Order, Roll Call, Declaration of Quorum
- 2. Set Agenda (by vote)
- 3. Consent Agenda
  - a. Approval of the Minutes for the Meeting Held January 18, 2023
- 4. Action Items
  - a None
- 5. Report from the General Manager and CEO (Jacob Williams)
- 6. Information Items
  - Review of Board of Directors and Executive Committee Strategic Plan (Jacob Williams)
  - b. Energy Markets & Regulatory Update (Jacob Williams)
  - c. Florida Municipal Solar Project Update (Susan Schumann)
  - d. Power Plant Acquisitions (Ken Rutter)
  - e. Florida State Legislative Update and Opportunity for Utility Boards and Governing Bodies (Ryan Matthews / Jody Finklea)

Policy Makers Liaisons Committee Meeting Being Held April 19, 2023 Page 2

- 7. Member Comments
- 8. Announcements
  - a. Next Meeting Thursday, July 20, 2023 at FMEA Annual Conference, The Vinoy® Renaissance St. Petersburg Resort & Golf Club, 501 5<sup>th</sup> Ave. NE, St. Petersburg, FL 33701
- 9. Adjourn

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 1-(888)-774-7606, at least two (2) business days in advance to make appropriate arrangements.

# QUORUM REQUIREMENT (MAJORITY OF AVERAGE NUMBER OF MEMBERS PRESENT FROM LAST 4 PMLC MEETINGS)

April 20, 2022 – 6 present

July 14, 2022 – 8 present

October 19, 2022 – 7 present

January 18, 2023 - 7 present

\*

**Quorum needed: 7 Members** 

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

**Policy Makers Liaisons Committee Meeting April 19, 2023** 

AGENDA ITEM 2 – SET AGENDA (by vote)

Policy Makers Liaisons Committee Meeting April 19, 2023

#### **AGENDA ITEM 3 – CONSENT AGENDA**

a. Approval of Minutes for the Meeting Held January 18, 2023

Policy Makers Liaisons Committee Meeting April 19, 2023

CLERKS DULY NOTIFIED ......January 10, 2023
AGENDA PACKAGE E-MAILED TO MEMBERS ......January 10, 2023

#### **MINUTES**

# FMPA POLICY MAKERS LIAISONS COMMITTEE MEETING FLORIDA MUNICIPAL POWER AGENCY 8553 COMMODITY CIRCLE ORLANDO, FL 32819

DATE: WEDNESDAY, JANUARY 18, 2023 TIME: 12:30 P.M.

**MEMBERS** Javier Cisneros, Fort Pierce (via telephone)

**PRESENT** Bob Page, Green Cove Springs

George Forbes, Jacksonville Beach

Robert Barrios, Key West (via telephone)

Rae Hemphill, Kissimmee Jimmy Burry, Leesburg

Jim Hilty, Ocala

OTHERS Cindy Clemmons, Lakeland

**PRESENT** Commissioner Stephanie, Madden, Lakeland

Julio J. Torrado, Keys Energy Steve Langley, Mt. Dora Jim Williams, Leesburg

Peter Lee, Ocala

STAFF Jacob Williams, General Manager & CEO

**PRESENT** Ken Rutter, Chief Operating Officer

Sharon Adams, Chief People and Member Services Officer

Linda Howard, Chief Financial Officer

Navid Nowakhtar, Resource and Strategic Planning

Robert Nelcoski, Senior Energy Analyst

Veda Sharma, Auditor II

Jody Finklea, General Counsel & CLO

Mike McCleary, Manager of Member Services

Sue Utley, Executive Assistant to CEO / Asst. Secretary to Board

Ellen Leatherman, Senior Accountant Jaye Godin, Accounts Payable Coordinator

Gary Fisk, Accountant III

Liyuan Woerner, Audit Manager

Rachel Ilardi, Public Relations Specialist

Victor Gaines, Auditor II

Ryan Dumas, Senior Public Relations Specialist

LaKenya VanNorman, Regulatory Compliance Specialist

Lindsay Jack, Administrative Specialist

Andrei Benjamin, Cloud Systems Administrator

Danyel Sullivan-Marrero, Controller Wayne Koback, IT Manager Susan Schumann, Public Relations and External Affairs Manager

#### <u>Item 1 – Call to Order, Roll Call, Declaration of Quorum</u>

Chair Bob Page, called the meeting to order at 12:30p.m. on Wednesday, January 18, 2023, at Florida Municipal Power Agency, 8553 Commodity Circle, Orlando, Florida. A roll call was taken and 7 Members were present.

#### <u>Item 2 – Set Agenda (By Vote)</u>

**MOTION:** Rae Hemphill, Kissimmee, moved to set the agenda as presented. Robert Barrios, Key West, seconded the motion. Motion carried 7-0.

#### <u>Item 3 – Consent Agenda</u>

a. Approval of the Minutes for the Meeting Held October 19, 2022

**MOTION:** Jim Hilty, Ocala, moved to approve the minutes of the October 19, 2022 Meeting. George Forbes, Jacksonville Beach, seconded the motion. Motion carried 7-0.

#### <u>Item 4 – Action Items</u>

a. None

#### <u>Item 5 – Report from the General Manager and CEO</u>

Jacob Williams presented the Goals Scorecard and Gas Price fluctuations.

#### Item 6 – Information Items

a. Presentation on Renewables, Hydrocarbons and the Future of the Electric Grid

Robert Bryce Presented on Renewables, Hydrocarbons and the Future of the Electric Grid.

#### <u>Item 7 – Member Comments</u>

None.

#### Item 8 – Announcements

**a.** Next Meeting: Wednesday, April 19, 2023 at FMPA, 8553 Commodity Circle, Orlando, FL

#### <u>Item 9 - Adjourn</u>

| There being no further business, the meeting was adjourned at 1:59 p.m. |                                  |  |  |  |  |  |  |
|---|----------------------------------|--|--|--|--|--|--|
| Bob Page<br>Chairman  | Sue Utley<br>Assistant Secretary |  |  |  |  |  |  |
| Date Approved DR/su   |                                  |  |  |  |  |  |  |

#### **AGENDA ITEM 4 – ACTION ITEMS**

a. None

Policy Makers Liaisons Committee Meeting April 19, 2023

AGENDA ITEM 5 – REPORT FROM THE GENERAL MANAGER AND CEO

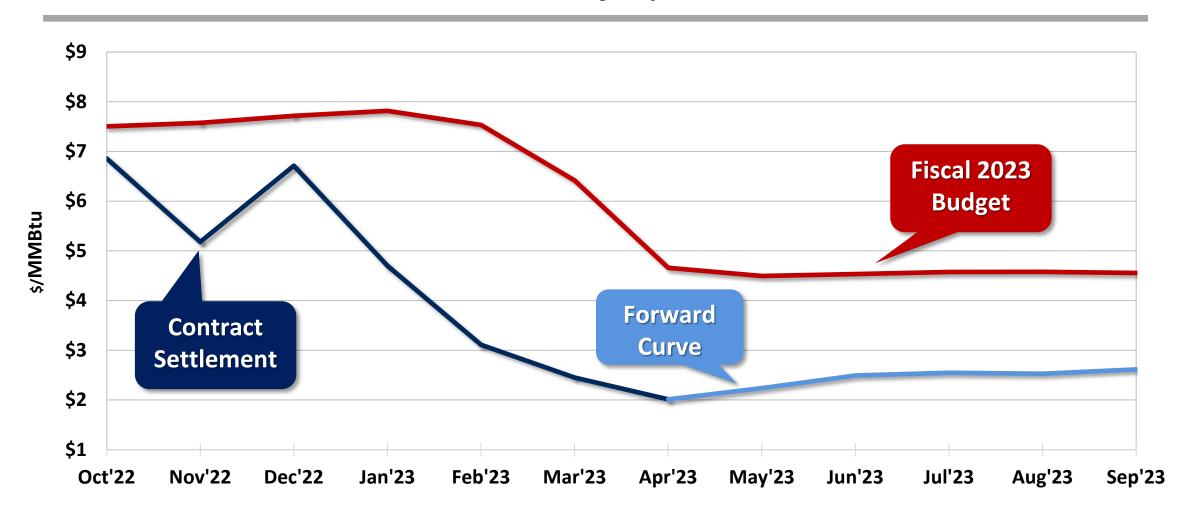
Policy Makers Liaisons Committee Meeting April 19, 2023

# Fiscal Year 2023 Management Goals – March Data

| Goal                                     |  | Status | Actual | YTD<br>Actual | YTD<br>Target | FY 2023<br>Target   | Comment   |  |
|--|--|--------|--------|---------------|---------------|---------------------|---|--|
| 1 Cofoty                                 | Lost-time Accidents                        |        | 0      | 0             | 0             | 0                   | No lost-time accidents  |  |
| 1. Safety                                | OSHA Recordables                           |        | 0      | 0             | 0             | 0                   | No lost-time accidents  |  |
|  | Environmental                              |        | 0      | 0             | 0             | 0                   |   |  |
| 2. Compliance                            | Financial                                  |        | 0      | 0             | 0             | 0                   |   |  |
|  | Regulatory                                 |        | 0      | 0             | 0             | 0                   |   |  |
|  | Fiscal Year 2023 Rate<br>Objective         |        | 116.29 | 121.61        | 124.49        | < \$105.99          | <ul> <li>Managed Fuel costs &gt; target due to margin recovery</li> <li>Market-exposed fuel &lt; target is a combination of declining prices and margins on gas sales</li> <li>Non-fuel costs at YTD target primarily due to capacity sales &gt;</li> </ul> |  |
| 3. Low Cost<br>(\$/MWh)                  | Managed Fuel                               |        | 44.96  | 49.91         | 39.01         | \$29.40             |   |  |
|  | Market-Exposed Fuel                        |        | 9.77   | 16.41         | 30.05         | \$26.92             |   |  |
|  | Non-Fuel                                   |        | 61.57  | 55.30         | 55.43         | \$49.67             | target  |  |
| 4. Natural Gas<br>Rate Stability<br>Plan | Discuss need & goals for a structured plan |        |        |               |               | Complete<br>by June | Workshop conducted on programmatic effort for natural gas/power price stability. Will revisit in the spring after strategic plan and winter impacts are clear.  Page 12 of 53   |  |

# NYMEX Settlement \$2.65/MMBtu Below Budget FYTD

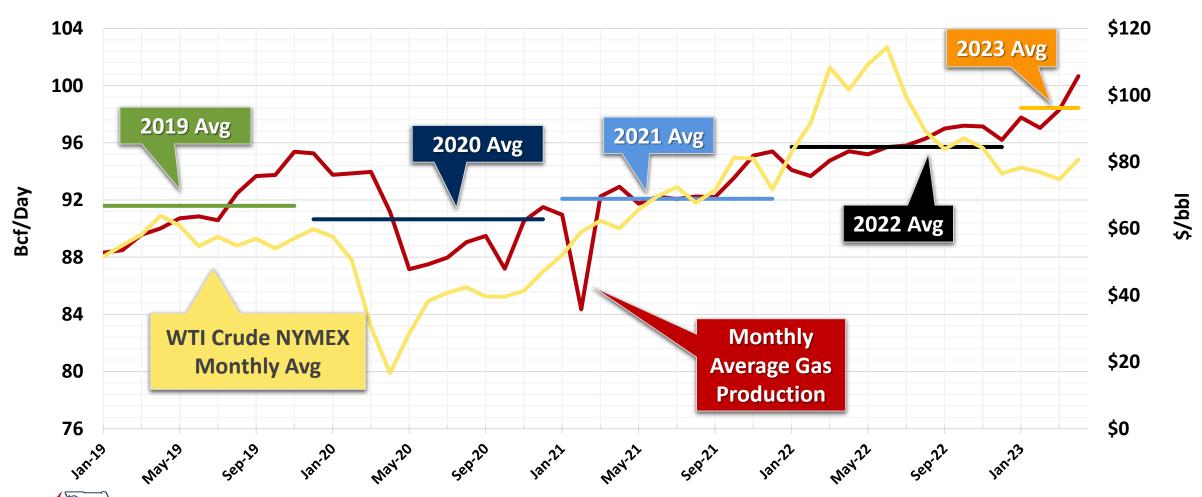
Forward Natural Gas Curve as of April 7





# Natural Gas Production Finally Above 2019 Peaks

Gas Demand Up 6 Bcf/Day Over 2019, Continued Tight Market

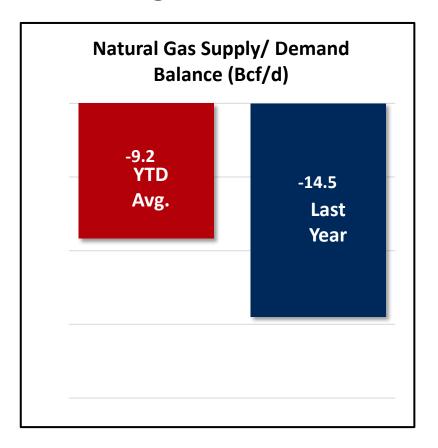


# **Natural Gas Demand Growth Outpacing Supply Growth**

### Supply Up 1.8 Bcf/Day, Demand Down 3.5 Bcf/Day

### **U.S. Gas Generation Increase Driving Growth**

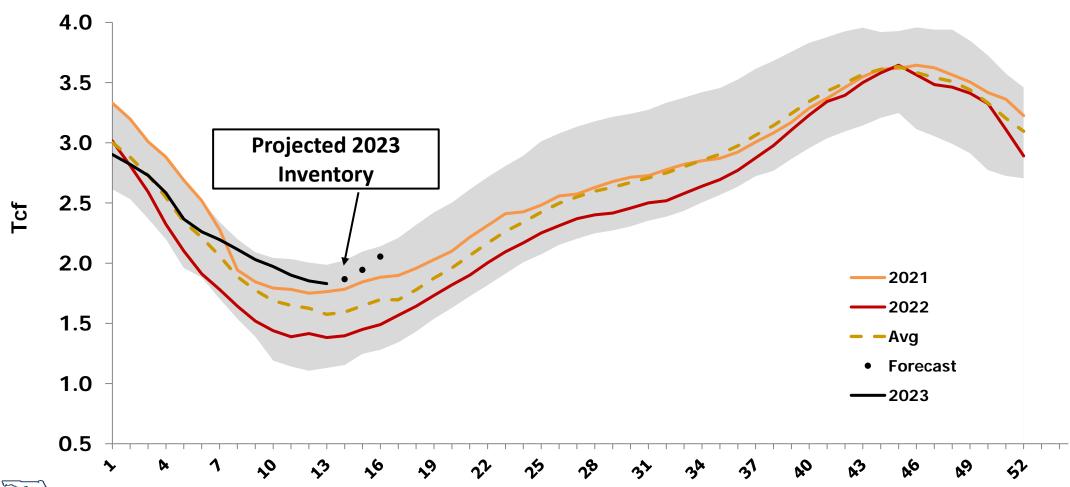
| Supply / Demand Detail (Bcf/day) |         |               |  |  |  |  |
|----------------------------------|---------|---------------|--|--|--|--|
| Updated as of 4/7/2023           |         |               |  |  |  |  |
|                                  |         |               |  |  |  |  |
|                                  | YTD Avg | YTD Last Year |  |  |  |  |
| Production                       | 97.9    | 95.2          |  |  |  |  |
| Imports                          | 5.2     | 6.0           |  |  |  |  |
| Total Supply                     | 103.1   | 101.3         |  |  |  |  |
|                                  |         |               |  |  |  |  |
| Power Demand                     | -29.3   | -28.0         |  |  |  |  |
| Industrial Demand                | -24.1   | -24.7         |  |  |  |  |
| Res / Com Demand                 | -37.7   | -42.2         |  |  |  |  |
| Exports                          | -21.2   | -20.9         |  |  |  |  |
| Total Demand                     | -112.3  | -115.7        |  |  |  |  |
|                                  |         |               |  |  |  |  |
| Net Surplus for Storage          | -9.2    | -14.5         |  |  |  |  |





# Gas Storage Inventory as of Week Ending April 7

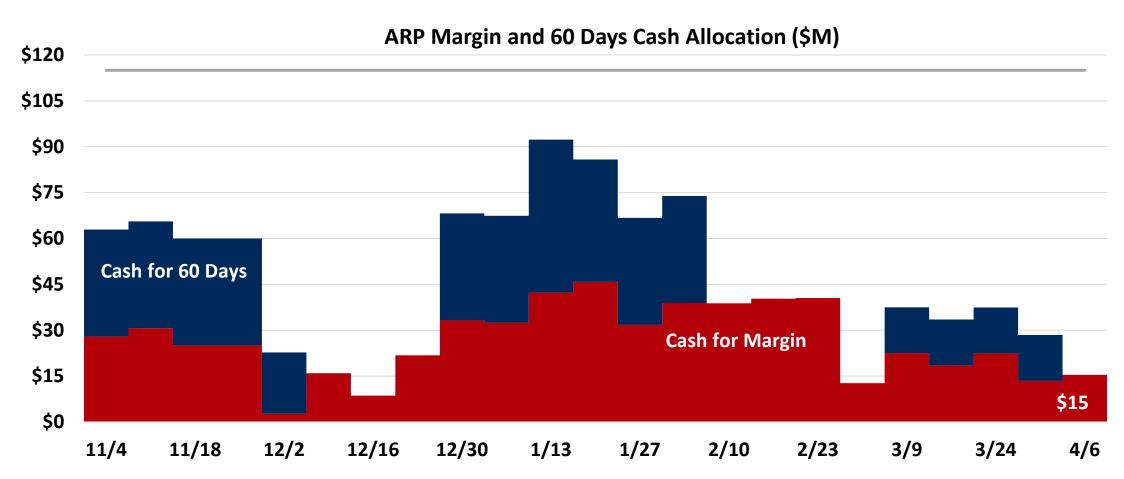
March Storage Averaged 443 bcf Over its Five-year Average





# ARP Funding to Manage Margin/Cash Now \$115M

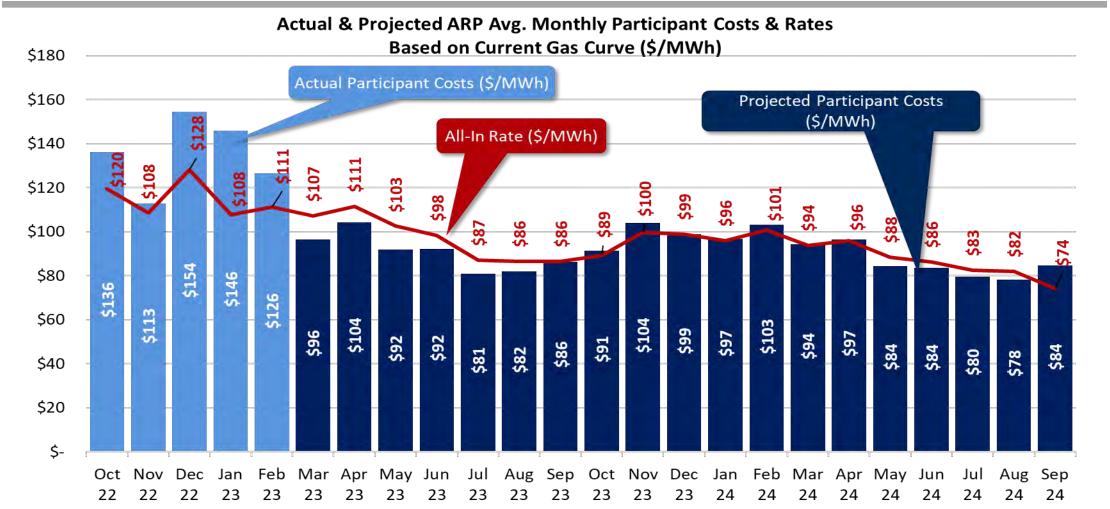
Approved Funding Sufficient to Manage Margin Plus 60 Days





# Monthly Participant Rates Forecasted < \$115/MWh

### No Cash Support Used From Bond Proceeds





| Goal                  |  | Status | Actual | YTD<br>Actual | YTD Target | FY 2023<br>Target | Comment  |
|-----------------------|--|--------|--------|---------------|------------|-------------------|--|
| 5. Cyber-             | Breaches   |        | 0      | 0             | 0          | 0                 |  |
| security              | Advance phishing tests   |        | 2.9%   | 2.8%          | 5%         | < 10%             | 2 clicks in March campaign about an IT internet outage, 12 clicks total YTD  |
|                       | Large CC EAF   |        | 71.9%  | 83.8%         | 86.2%      | 90%               | TCEC in planned outage   |
| 6. Reliability        | SI EAF   |        | 97.4%  | 86.3%         | 88.1%      | 92%               | Extended planned outages for controls upgrade on MSD 1 and 2   |
|                       | SI black start and trans. backup                                       |        | -      | -             | -          | 100%              | No units operated  |
| 7. Member             | Project<br>recommendations<br>Major >8 hrs                             |        | 1      | 6             | 6          | 12                | Mount Dora Substation Asset     Management - MinMax  |
| Reliability           | Projects recommendations Minor < 8 hrs                                 |        | 1      | 9             | 9          | 18                | Winter Park – Relay Alarm Response   |
|                       | Leadership<br>member visits  |        | 15     | 44            | 37.5       | 75                | 15 Member visits in March  |
| 8. Member<br>Services | Member/Community presentations, com munications & social media support |        | 2      | 12            | 10         | 20                | 11 presentations 1 communication support (March – PSC Commissioners LaRosa and Clark to Cane Island)  12 presentations Page 19 of 53 |

| Goal                       |  | Status | Actual | YTD<br>Actual | YTD<br>Target | FY 2023<br>Target   | Comment   |
|----------------------------|--|--------|--------|---------------|---------------|---------------------|---|
| 9. Strategic Plan<br>& IRP | Staff will complete IRP<br>for 20-year planning<br>horizon |        |        |               |               | Complete<br>by EOFY | <ul> <li>Key assumptions for IRP agreed upon by EC during strategic plan</li> <li>Staff conducted Phase 2 kickoff with Burns &amp; McDonnell</li> </ul> |
| 10. Financing              | Complete Member<br>Pooled Loans<br>Complete Gas<br>Prepays |        | 1<br>3 | 1<br>3        |               | 1<br>0              | Homestead pooled loan closed Nov. 18. Prepay of 4K(W)/24K(S) at average \$0.61/MMBtu discount   |
| 11. Solar Phase III        | Complete contract<br>negotiations on<br>Phase III sites    |        |        |               |               | Complete<br>by EOFY | Four sites, 10 members + ARP for Phase III. Member approvals in progress; target FMPA approvals at May BOD and EC meetings.                             |
| 12. People                 | Complete All<br>Team In-House<br>Training Sessions         |        | 2      | 2             | 1             | 3                   | All managers attended training for "Managing a remote workforce" in December. 20 Team members attended  |

### AGENDA ITEM 6 – INFORMATION ITEMS

a. Review of Board of Directors and Executive Committee Strategic Plan

**Policy Makers Liaisons Committee Meeting April 19, 2023** 



# 6a –Strategic Planning Workshop Report

Policy Makers Liaisons Committee April 19, 2023



### FMPA's Vision and Mission Statements Reviewed

Great Support for Existing Statements With No Changes

### **VISION**

To sustainably be the lowest cost, and a reliable and clean wholesale power provider in Florida.

### **MISSION**

To provide low-cost, reliable and clean power plus value-added services for FMPA's owner-customers that benefit their communities and customers.



# FMPA's Value Statements Reviewed and Discussed Board Chose to Emphasize 'Low Cost' By Adding It to Values

### **VALUES**

- A culture that values both our employees and operating agents and their safety
- Teamwork among our employees and our public power member-owner-customers
- Trust built through honesty, integrity, transparency, open communications and respect
- Employee development, recognition, reward and empowerment
- Low-cost electricity for all customers
- Environmentally responsible operations and consider impacts of raw materials/processing thereof in new resources decisions
- Member and employee diversity and inclusion
- Innovation and excellence
- The individual needs and desires of FMPA's owner-customers shall be given the strongest consideration consistent with the best interests of all owner-customers



# **Board of Directors' Top-Ranked Strategic Priorities**

# Top 6 of 8 Strategic Priorities Ranked in Priority Order

|   | Board of Directors' Top Strategic Priorities   | Score |
|---|--|-------|
| 1 | Advocate for abundant natural gas supply and pipeline expansions to keep costs low     | 6.60  |
| 2 | Begin engaging in discussions to explore viable nuclear resource opportunities         | 6.27  |
| 3 | Explore expanding membership in the Florida Municipal Power Pool                       | 4.87  |
| 4 | Evaluate capital funding strategies that align debt utilization with competitive rates | 4.07  |
| 5 | Continue gradual pursuit of new solar and battery opportunities                        | 3.80  |
| 6 | Identify our retail customers' energy priorities regarding electricity needs           | 3.73  |



# **Executive Committee's Top-Ranked Strategic Priorities**

# Top 4 of 6 Strategic Priorities Ranked in Priority Order

|   | Executive Committee's Top Strategic Priorities   | Score |
|---|--|-------|
| 1 | Develop systematic approach to reducing exposure to natural gas for power-cost stability           | 5.00  |
| 2 | Continue high availability for FMPA's low-cost generating resources                                | 4.18  |
| 3 | Maximize asset value/minimize costs with significant expansion of the Florida Municipal Power Pool | 4.00  |
| 4 | Pursue more municipal third-party sales that add value to ARP and municipal customers              | 3.46  |

11 Executive Committee members responded



AGENDA ITEM 6 – INFORMATION ITEMS

b. Energy Markets and Regulatory Update

Policy Makers Liaisons Committee Meeting April 19, 2023

# 6b - Energy Markets and Regulatory Update

Policy Makers Liaisons Committee April 19, 2023

## **Energy Market Update**

### Mild Winter in North America and Europe "Saved" Consumers

- Mildest winter in 100 years in North America and mild winter in Europe significantly reduced natural gas demand
- U.S. home/business heating from natural gas off 4.9 Bcf/day
- U.S. natural gas net supply only grew 1.9 Bcf/day
- U.S. Henry Hub gas prices fell 68% from late December to today
- European natural gas prices fell from \$43.03/MMBtu in December to \$13.84/MMBtu in April
- U.S. coal power plants continue to close leading to higher gas burns for power
- LNG export growth continues over next 3 years
- $\bullet$  U.S. forward prices for 2024 are ~\$1.35/MMBtu above current spot prices and rising thereafter

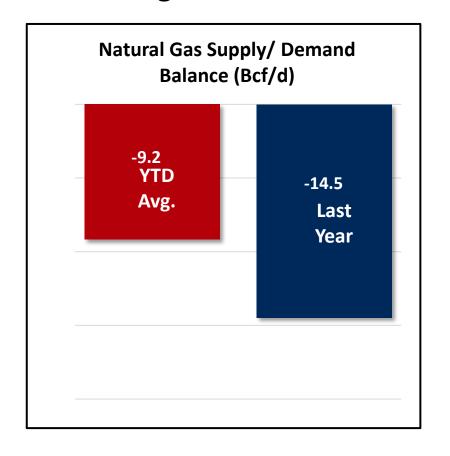


### Mild Winter Lead to Price Declines

### Demand Down 3.5 Bcf/Day, Supply Up 1.8 Bcf/Day,

### **U.S. Gas Generation Increase Driving Growth**

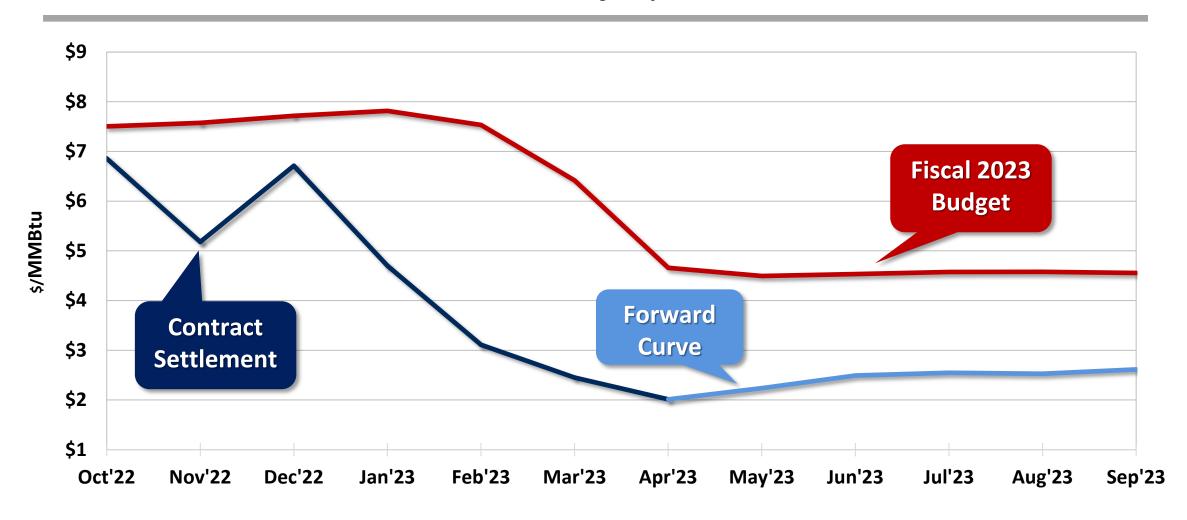
| Supply / Demand Detail (Bcf/day) |         |               |  |  |  |  |
|----------------------------------|---------|---------------|--|--|--|--|
| Updated as of 4/7/2023           |         |               |  |  |  |  |
|                                  |         |               |  |  |  |  |
|                                  | YTD Avg | YTD Last Year |  |  |  |  |
| Production                       | 97.9    | 95.2          |  |  |  |  |
| Imports                          | 5.2     | 6.0           |  |  |  |  |
| Total Supply                     | 103.1   | 101.3         |  |  |  |  |
|                                  |         |               |  |  |  |  |
| Power Demand                     | -29.3   | -28.0         |  |  |  |  |
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| Exports                          | -21.2   | -20.9         |  |  |  |  |
| Total Demand                     | -112.3  | -115.7        |  |  |  |  |
|                                  |         |               |  |  |  |  |
| Net Surplus for Storage          | -9.2    | -14.5         |  |  |  |  |





# NYMEX Settlement \$2.65/MMBtu Below Budget FYTD

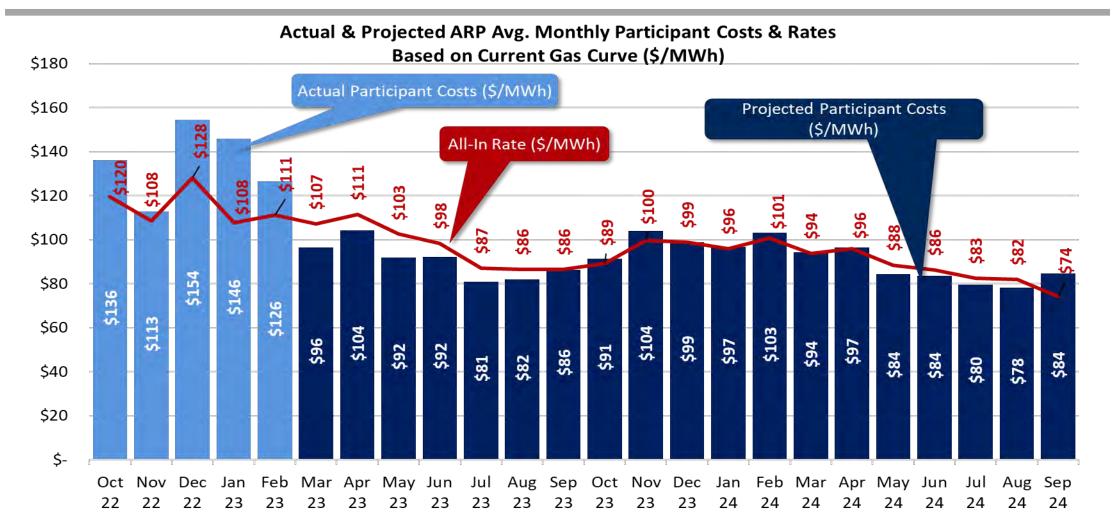
Forward Natural Gas Curve as of April 7





# ARP Rates Declining to Under \$90/MWh by July

### Rates Thereafter Reflect Forward Gas Prices





## **U.S. Energy Policy Challenging**

### Permitting Reform Being Discussed

- Federal government limiting new leases for oil and gas reserves in Western U.S.,
   Gulf of Mexico and Alaska
- Pipeline approvals still being held up in federal court
  - Mountain Valley Pipeline's West Virginia permit again denied by 4<sup>th</sup> Appellate court
- House passes permit reform legislation without bipartisan support
- Sen. Manchin still working on Senate support for permitting reform
- Possible trade of increase in Debt Ceiling for Permit Reform possible
  - Would include pipelines, transmission lines, "green" energy siting, etc.
- Saudi's cut oil production to support prices
  - U.S. Strategic Petroleum Reserves low have not been refilled from last year

### $\begin{array}{ll} \textbf{AGENDA ITEM 6-INFORMATION} \\ \textbf{ITEMS} \end{array}$

c. Florida Municipal Solar Project Update

Policy Makers Liaisons Committee Meeting April 19, 2023



# 6c – Florida Municipal Solar Project Phase III Update

Policy Makers Liaisons Committee April 19, 2023

### FMPA to Provide 20 Cities Low-Cost Solar

### Growing Solar from 1% Today to 7% by 2027

- Florida Municipal Solar Project Phase I
  - Two sites totaling 149 MW
  - Enough to power 30,000 homes
- Two Phase II sites coming in 2023-2024
- Four additional Phase III solar sites
  - COD 2025 and 2026



- Fort Pierce
- Green Cove Springs
- Havana
- Homestead
- Jacksonville Beach
- JEA
- Key West

- Mount Dora
- New Smyrna Beach
- Newberry
- Ocala
- Orlando
- Starke
- Winter Park



## Phase III Would More than Double the Size of FMSP

#### Pricing Competitive with Traditional Generation

- Power Purchase Agreement price < \$45/MWh</li>
  - 20-year term
  - 2% annual escalation for term of PPA
  - Does not include incremental cost of transmission service needed for delivery, e.g. point-to-point for JEA
  - Nominal FMPA A&G adder
- Developed by Origis Energy
- Three Duke and two FPL-interconnected facilities
- Network upgrade costs (if any) paid by project, refundable from transmission provider
- Five proposed facilities with diverse geographical locations
- COD Dec. 2025 (Duke), Dec. 2026 (FPL)

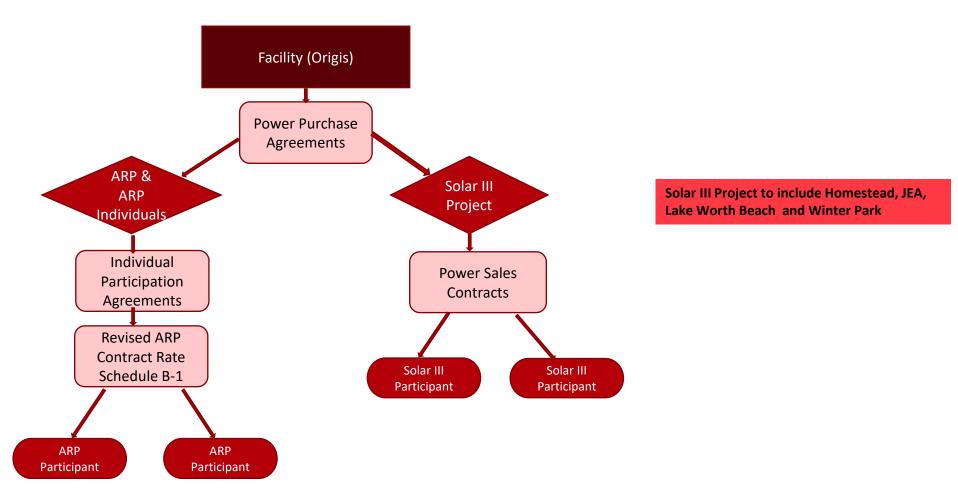
| Participant          | Total<br>MW |
|----------------------|-------------|
| FMPA Board / ARP     | 110         |
| Fort Meade           | 1.0         |
| Fort Pierce**        | 0.9         |
| Homestead* **        | 10.0        |
| JEA*                 | 149.8       |
| Key West**           | 7.7         |
| KUA**                | 9.1         |
| Lake Worth Beach* ** | 30.0        |
| Leesburg             | 10.0        |
| Ocala**              | 3.0         |
| Winter Park* **      | 20.0        |

Non-ARP Participant \*
Former Poinsett Participant \*\*



## **Project PPA Structure**

## ARP and Solar III Project Will Have Separate PPA's





## Participant Local Board Approvals Needed

Target: May 17 for Participant Governing Board Approvals

- Each **Solar III Project** (4 participants) governing board will approve:
  - Power sales contract between FMPA and participant
  - Other associated or enabling agreements, as needed
  - Homestead, JEA, Lake Worth Beach, Winter Park
- Each ARP Solar III (6 individual participants) governing board will approve:
  - Solar III participation agreement between FMPA ARP and Solar III participants
  - FPUA, Fort Meade, KEYS, KUA, Leesburg, Ocala (includes former Poinsett participants)



## **FMPA Board Approvals**

### Documents Required for Final Approval on May 18

#### **Board Approvals:**

- Power Purchase Agreements between FMPA Solar Project III and Origis
- Solar Project Power Sales Contracts between FMPA and Solar Project III participants (following confirmation of individual member approvals)
- Resolution 2023-XXX to form FMPA Solar Project III



## **FMPA Executive Committee Approvals**

## Documents Required for Final Approval on May 18

- ARP Approvals for Individual Solar III Participants (Fort Pierce, Fort Meade, Jax Beach, KEYS, KUA, Leesburg, Ocala):
  - Power Purchase Agreements between FMPA ARP and Origis
  - Solar III Participation Agreements between ARP and Solar Project III Participants (Following confirmation of individual Member approvals)
  - ARP Rate Schedule B-1
- Executive Committee Approval for ARP participation of ~110 MW
- Energy Exchange Agreements (ARP / JEA)



## **Solar III Project Committee and Charter**

## Key Terms (Based on Solar I and Solar II Project Templates)

- Key Terms:
- 1. Purpose to govern project
- 2. Mission oversee administration and establish budget
- 3. Organization and Term termination of Solar Power Sales Contracts
- 4. Membership representative for each participating member
- 5. Meetings public notice, frequency and details determined by Committee members
- 6. Quorum Discretionary Term Decisions (in PPA), budget, minutes, other Committee business
- 7. Voting Discretionary Term Decisions, other decisions
- 8. Election of Chair selection, term of service
- 9. Changes to Charter unanimous consent of Committee
- All Committee recommendations subject to Board and/or Executive Committee final approval



 $\begin{array}{ll} \textbf{AGENDA ITEM 6} - \textbf{INFORMATION} \\ \textbf{ITEMS} \end{array}$ 

d. Power Plant Acquisitions



## 6d – Power Plant Acquisitions



# Plant Acquisitions Provides Mid-Term Value to FMPA Overall Fixed Costs Range from \$2.60-\$4 Per kW Per Month

- Expecting 10–15-years of life post acquisition
- Total cost for acquisitions expected to be below \$40 million
- Long-term value for natural gas pipeline capacity at all sites
- Long-term value for Duke interconnection at all sites
- Owning and operating provides multiple options and flexibility
- Intermediate plants more valuable than traditional peaking units
- Sites potentially viable for new generation after existing assets retire
- Integration activities have begun



## **Orlando Strong Performing Asset in Optimal Location**

## Thorough Review of Asset Performance, Property and Risks Ongoing

- 119 MW online since 1993, operates as baseload unit with 98% capacity factor in 2022
- 2022 availability was 100%
- Heat rate of 8,150 btu/kWh
- Last major outage occurs immediately before close
- Available March 1, 2024
- Permitted and operating site for transmission, water, natural gas and emissions
- Future environmental upgrades require additional review



| Location:                   | Orlando, Florida  |
|-----------------------------|---|
| Net Capacity:               | 119 MW  |
| Equipment:                  | 1 - Alstom GT11NMC with EV<br>Burner<br>1 - Siemens VAX Steam Turbine |
| Fuel:                       | Natural Gas   |
| Power<br>Purchasers:        | Duke Energy Florida   |
| Electrical<br>Transmission: | Duke Energy Florida   |
| NSG Interest:               | 50% Page 46 of  |



## **Agreements for Purchase of Other Assets Completed** 220 Megawatts of Intermediate Natural Gas Plants

- FMPA and Northern Star signed the Mulberry and Orange asset purchase agreements on Oct 14, 2022
- 220 MW of intermediate capacity
- High plant availabilities over their history
- Heat rates are 8,550 and 87,660 btu/kWh
- Final close August 2024 and December 2025 –
   confirmatory due diligence six months prior to close
- Plants within 40 miles of Cane Island Power Park
- FMPA staff will have access to monthly reports and visits during planned outages



**Orange Cogen Facility** 



Mulberry Cogen Facility
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# **Successful Integration Dependent on Team Effort** *Less Than 12 Months Until Close & Potential FMPP Dispatch*

- Anticipated close date 3/1/2024
- Integration efforts kicked off 3/20/2023
- All areas of FMPA impacted by integration
- Integration Plan divided into Pre-close and Postclose tasks
- Communication essential to success
- Team will work with PR on site branding near-term to help create joined identity
- Integration of IPP & FMPA culture also key area of focus
- Team tasked to look for synergies in form of process improvements

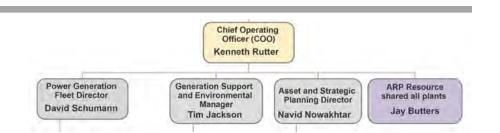
Integration Objective: Safely & successfully integrate new Teammates & Orlando assets as a fully available site capable of FMPP dispatch upon close with long-term reliable, economic & compliant operation



## **Team Restructured To Support Integration Requirements**

Key Position Added to Team in FY24 With Focus on Operations Integration

- Jay Butters brings 39 years of plant operation experience to team
  - NS plants transition from baseload or daily operation to intermediate unit operation
  - Prioritization of key capital investments
- Generation Director will remain focused on existing plants while assisting with key projects for new plants
- Generation Support & Environmental function will ensure focus remains on budgets and compliance
  - Reviewing NS processes for environmental compliance
- Human resources will reallocate an existing resource to support team growth
- Other FMPA service functions anticipated to manage within existing team structures



| Site              | Total Employees | FMPA Employees |
|-------------------|-----------------|----------------|
| Stock Island      | 10              | 0              |
| Cane Island       | 45.5            | 0              |
| Orlando Plant     | 11              | 11             |
| TCEC              | 17              | 4              |
| Shared all plants | 3               | 3              |
| Total             | 88              | 18             |





#### **VERBAL REPORT**

### AGENDA ITEM 6 – INFORMATION ITEMS

e. Florida State Legislative Update and Opportunity for Utility Boards and Governing Bodies

**AGENDA ITEM 7 – MEMBER COMMENTS** 

#### **AGENDA ITEM 8 – ANNOUNCEMENTS**

a. Next Meeting: Thursday, July 20, 2023 at the FMEA Annual Conference, The Vinoy® Renaissance St. Petersburg Resort & Golf Club, 501 5<sup>th</sup> Ave. NE, St. Petersburg, FL 33701

AGENDA ITEM 9 – ADJOURN