



MEETING AGENDA PACKAGE

Policy Makers Liaisons Committee

April 15, 2020
1:00 to 2:30 p.m.

Meeting Being Held by WebEx and Telephonically at:

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

**Dial-in information: 877-668-4493 or 650-479-3208,
Access Code 856 891 590#, PASSWORD 8553#**

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Policy Makers Liaisons Committee

- Kathleen Thacker, Kissimmee – Chair
- Dan Robuck, Leesburg – Vice Chair
- Bil Spaude, Bushnell
- Kristine Petersen, Clewiston
- Rick Cochrane, Fort Meade
- Tom Perona, Fort Pierce
- Robert Page, Green Cove Springs
- George Forbes, Jacksonville Beach
- Robert Barrios, Key West
- Ethel Urbina, Kissimmee
- Scott Maxwell, Lake Worth
- Bill Conrad, Newberry
- Brent Malever, Ocala
- Keith Trace, St. Cloud
- Scott Roberts, Starke

Community Power + Statewide Strength

MEMORANDUM

TO: Policy Makers Liaisons Committee
FROM: Mark McCain
DATE: April 7, 2020
RE: Policy Makers Liaisons Committee Telephonic Meeting
Wednesday, April 15, 2020, 1:00 p.m. to 2:30 p.m. [NOTE TIME]
PLACE: VIA TELEPHONE AT Florida Municipal Power Agency, 8553 Commodity Circle,
Orlando, FL 32819
PHONE: Via telephone, 877-668-4493 or 650-479-3208,
Access Code 856 891 590 #, PASSWORD 8553#
(If you have trouble connecting, please call 407-355-7767)

Chair Kathleen Thacker, 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
2. Set Agenda (by vote)
3. Consent Agenda
 - a. Approval of the Minutes for the Meeting Held January 15, 2020
4. Information Items
 - a. Electric Utility Response to COVID-19 (Jacob Williams)
 - b. Update on FMPA Solar Projects (Susan Schumann)
 - c. Update on Emissions (Jacob Williams)
5. Report from the General Manager and CEO (Jacob Williams)
6. Member Comments
7. Announcements
 - a. Next Meeting: Thursday, July 30, 2020 at 3 p.m. at FMEA Annual Conference, 1 South County Road, Palm Beach, FL
8. Adjourn

The participants in the above referenced public meeting will conduct the public meeting by telephone, via a telephone conference hookup. There will be a speaker telephone made available for any interested person to attend this public meeting and be fully informed of the discussions taking place by telephone conference hookup at FMPA's headquarters, located at 8553 Commodity Circle, Orlando, Florida 32819-9002. 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. Any interested person may contact FMPA for more information on this public meeting by calling (850) 297-2011 or (877) 297-2012 or writing to: Open Government Law Compliance Coordinator, Florida Municipal Power Agency, 2061-2 Delta Way, Post Office Box 3209, Tallahassee, Florida 32315-3209.

**AGENDA ITEM 1 - CALL TO ORDER,
ROLL CALL**

**Policy Makers Liaisons Committee Meeting
April 15, 2020**

**AGENDA ITEM 2 – SET AGENDA (by
vote)**

**Policy Makers Liaisons Committee Meeting
April 15, 2020**

AGENDA ITEM 3 – CONSENT AGENDA

- a. Approval of Minutes for the Meeting
Held January 15, 2020**

**Policy Makers Liaisons Committee Meeting
April 15, 2020**

MINUTES
FMPA POLICY MAKERS LIAISONS COMMITTEE MEETING
FLORIDA MUNICIPAL POWER AGENCY
8553 COMMODITY CIRCLE
ORLANDO, FL 32819
WEDNESDAY, JANUARY 15, 2020
1:00 P.M.

**MEMBERS
PRESENT**

Bob Page, Green Cove Springs (via telephone)
George Forbes, Jacksonville Beach
Robert Barrios, Key West (via telephone)
Kathleen Thacker, Kissimmee (via telephone)
Dan Robuck, Leesburg
Bill Conrad, Newberry
Keith Trace, St. Cloud

**OTHERS
PRESENT**

John Tompeck, Fort Pierce
Larry Mattern, Kissimmee
Ken Morgan, Ph.D., TCU Energy Institute
Amy Zubaly, FMEA (via telephone)
Bill Peebles, Peebles, Smith and Matthews (via telephone)
Ryan Matthews, Peebles, Smith & Matthews (via telephone)
Michael Nolan, MJN Consulting (via telephone)

**STAFF
PRESENT**

Jacob Williams, General Manager & CEO
Ken Rutter, Chief Operating Officer
Mark McCain, Assistant General Manager, Member Services,
Human Resources and Public Relations
Jody Finklea, General Counsel & CLO
Dan O'Hagan, Assistant General Counsel & Regulatory
Compliance Counsel
Sue Utley, Executive Assistant to CEO / Asst. Secretary to Board
Cairo Vanegas, Manager of Member Services Development
Susan Schumann, External Affairs Administrator
Melisa Inanc, Public Relations Specialist

Item 1 – Call to Order, Roll Call

Vice Chairman Dan Robuck, called the meeting to order at 1:00 p.m. on Wednesday, January 15, 2019, Florida Municipal Power Agency, 8553 Commodity Circle, Orlando, Florida. A roll call was taken and 7 members were present.

Item 2 – Set Agenda (By Vote)

MOTION: George Forbes, Jacksonville Beach moved to set the agenda as presented. Keith Trace, St. Cloud, seconded the motion. Motion carried 7 – 0.

Item 3 – Consent Agenda

3a – Approval of the Minutes for the meeting held October 16, 2019

MOTION: George Forbes, Jacksonville Beach, moved approval of the Minutes of October 16, 2019. Keith Trace, St. Cloud, seconded the motion. Motion carried 7 – 0.

Item 4 – Report from the General Manager and CEO (Jacob Williams)

1. Goals Scorecard
2. JEA Update
3. Solar Projects Phase I ground breaking and creation of Phase II
4. Update on ARP new resource process

Item 5 – Information Items

5a – State Legislative Update

Ryan Matthews, Peebles Smith and Matthews, gave a state legislative update.

5b –Electric Deregulation Proposal in Florida

Jody Finklea updated the Policy Makers on the electric deregulation proposal. The petitioners did not get enough signatures to put the proposal on the ballot.

5c – Federal Legislative Update

Michael Nolan, MJN Consulting, updated the Policy Makers on what is going on in Washington, DC.

5d – Climate Change and Our Energy Future

Ken Morgan, Ph.D., retired director of the Texas Christian University's Energy Institute and a geologist, gave a presentation on Energy & Climate Change.

5e – Round Table Discussion by Policy Makers on the Most Important Electric Issue in Their Communities

Dan Robuck, Leesburg, update the Policy Makers on the territorial dispute between Leesburg and TECO over The Villages. The situation has resolved and it worked out for everyone.

Item 6 – Member Comments

None

Item 7 – Announcements

7a – Next Meeting: Wednesday, April 15, 2020 at 1 p.m. at FMPA, 8553 Commodity Circle, Orlando, FL

Item 8 - Adjourn

There being no further business, the meeting was adjourned at 2:48 p.m.

Dan Robuck
Vice Chairman

Sue Utley
Assistant Secretary

Date Approved _____

DR/su

**AGENDA ITEM 4 – INFORMATION
ITEMS**

a. Electric Utility Response to COVID-19

**Policy Makers Liaisons Committee Meeting
April 15, 2020**



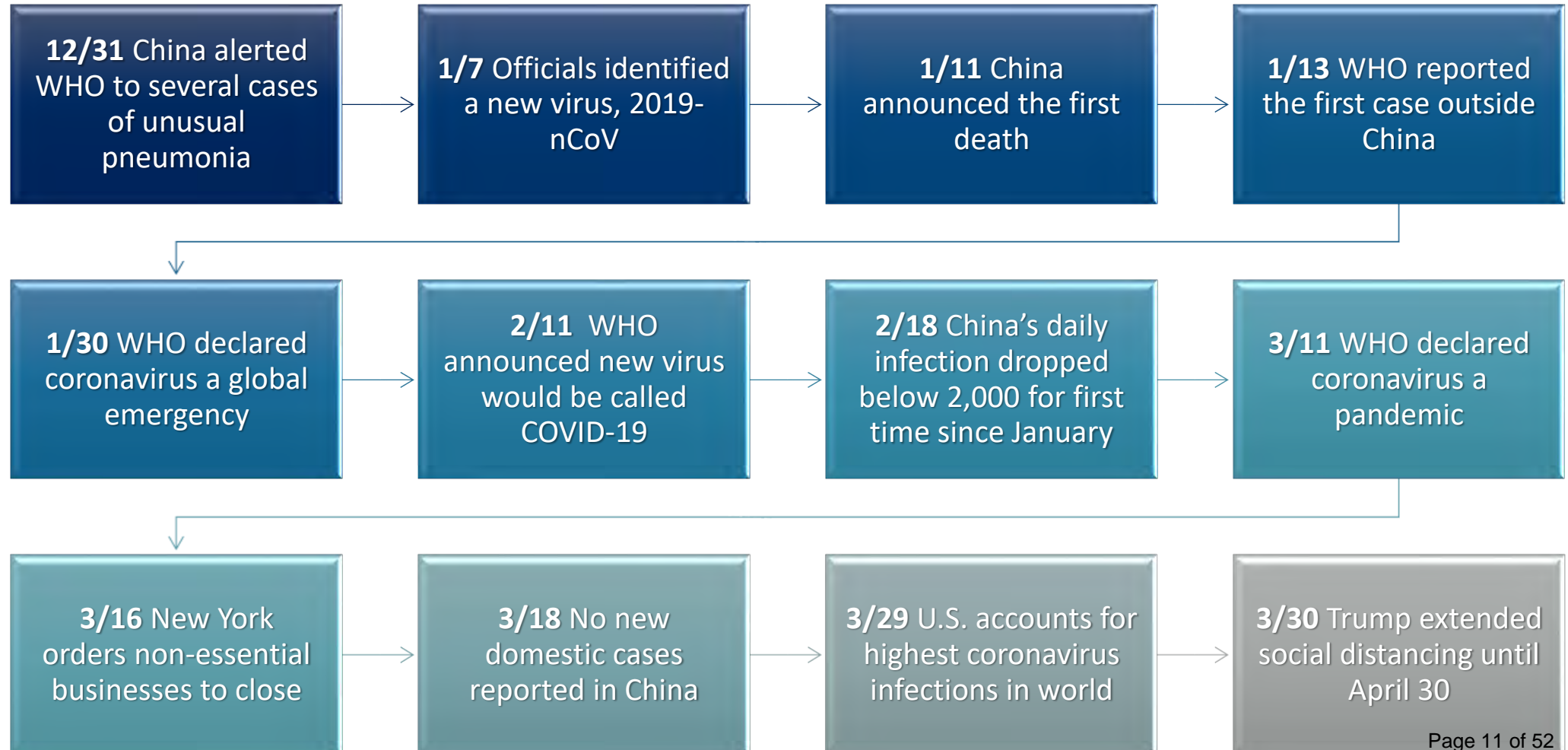
4a – Electric Utility Response to COVID-19

Policy Makers Liaisons Committee

April 15, 2020

World Health Organization (WHO) Declares Pandemic

New Coronavirus, Named COVID-19, Spreads Worldwide



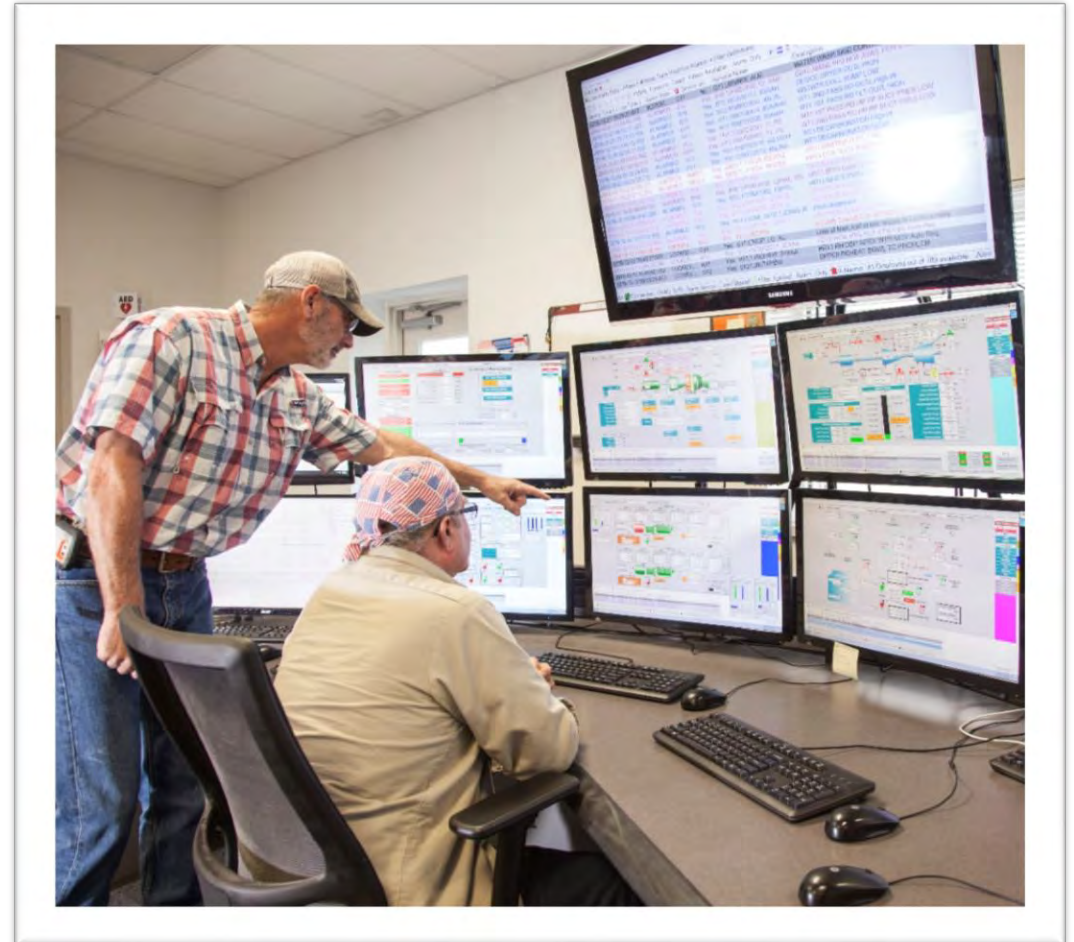


What FMIPA Is Doing, Business Implications

FMPA Fleet Has Been Proactively Planning for Weeks

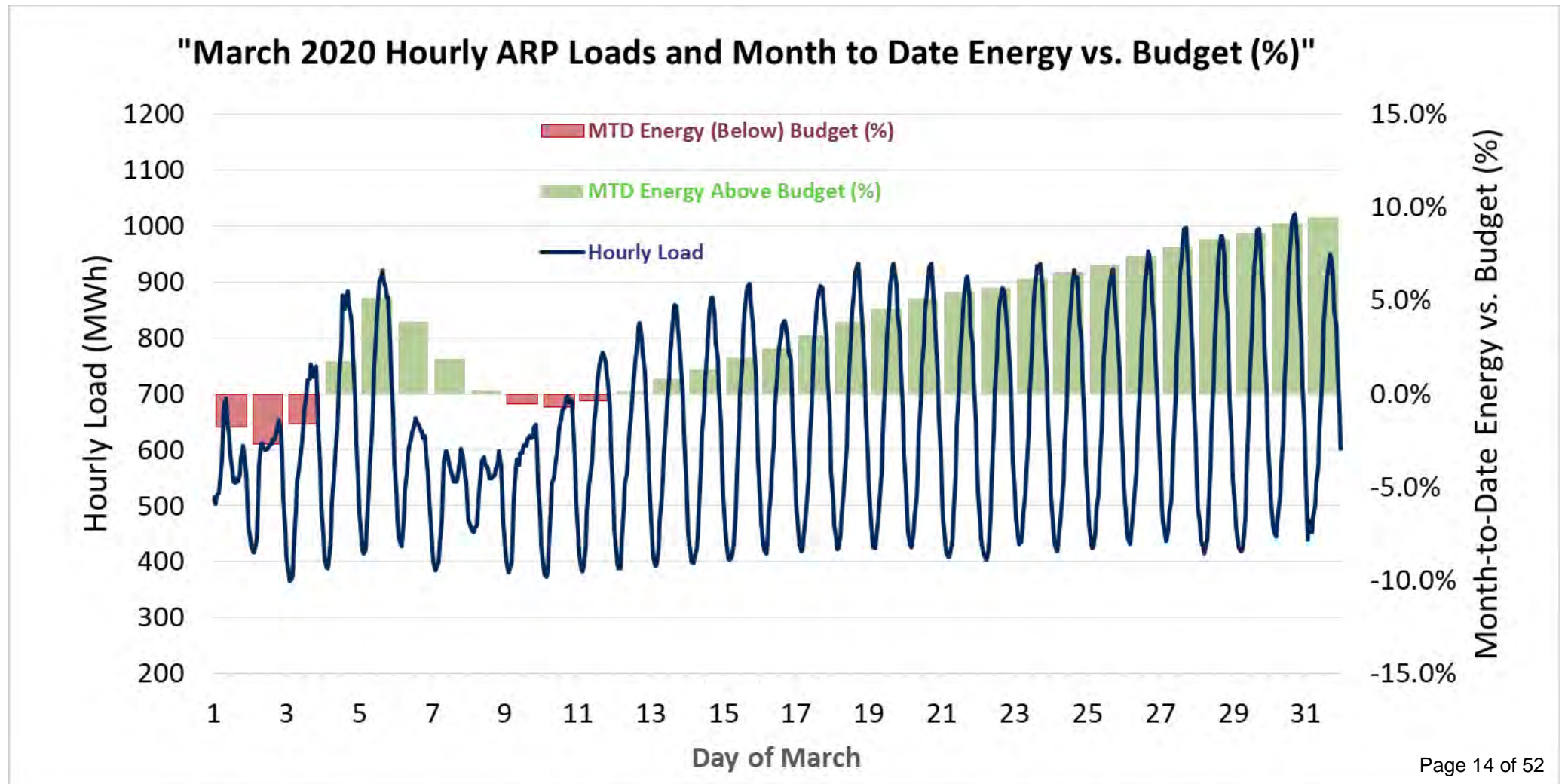
Many Efforts to Protect Low-Cost Generation Operations

- Protect health and safety of entire team with emphasis on critical power plant operators
- Limit access to plants
- Restrict access to control rooms
- Request operators limit travel
- Prep plant, staff for quarantine
- Screen contractors coming onsite with questionnaire and thermal scans



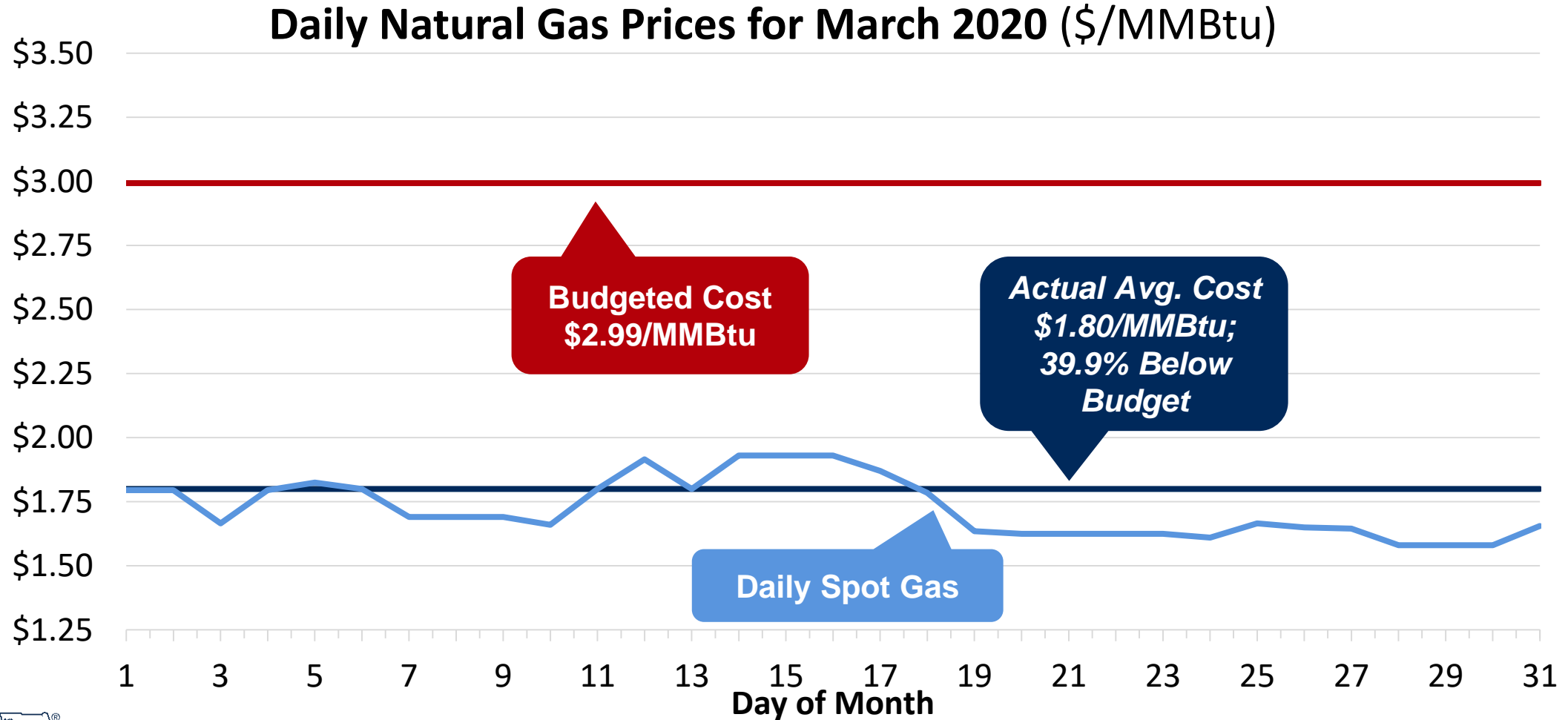
ARP Energy Sales on Track for Year to Date

Energy Sales for March 9.5% Above Budget Due to Weather



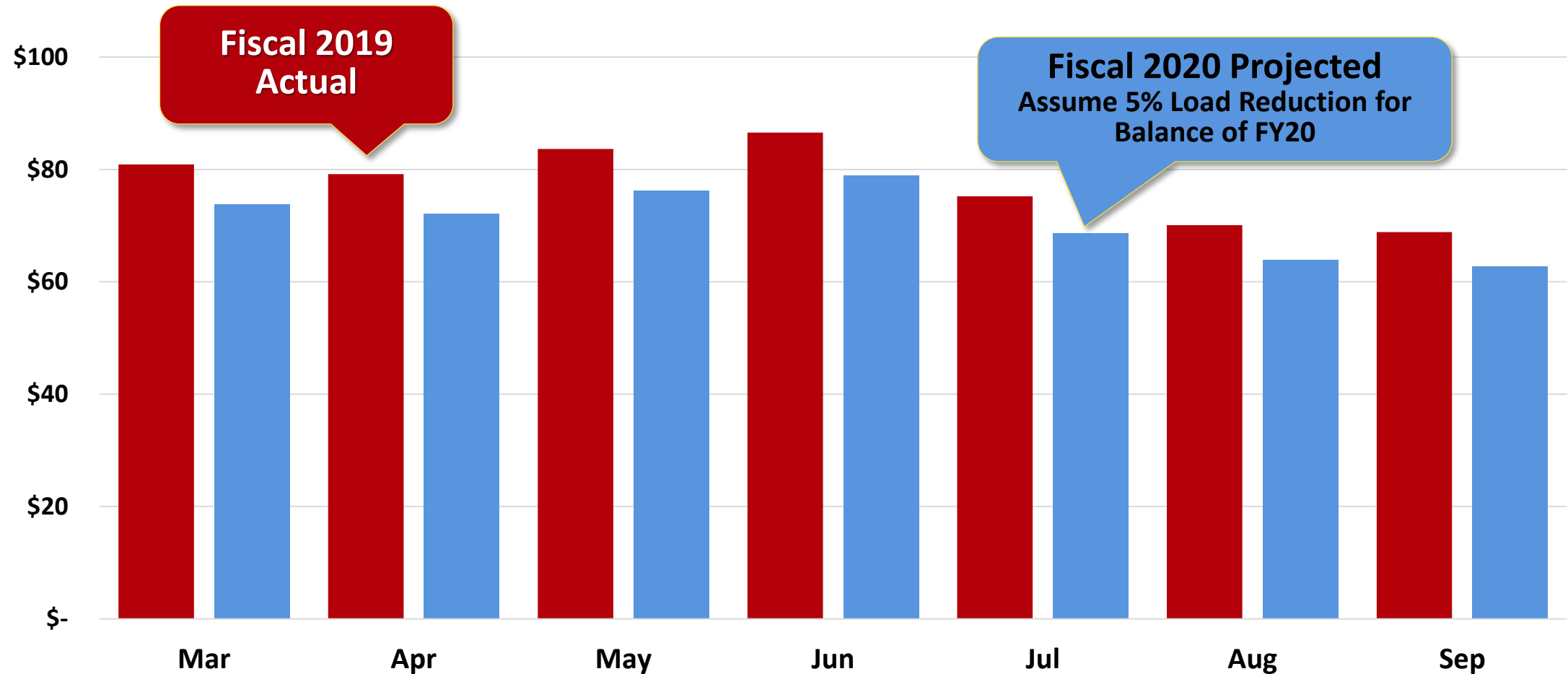
Natural Gas Cost Low; March Price 40% Below Budget

Historic Low Prices Saving ARP ~\$9/MWh Compared to Budget



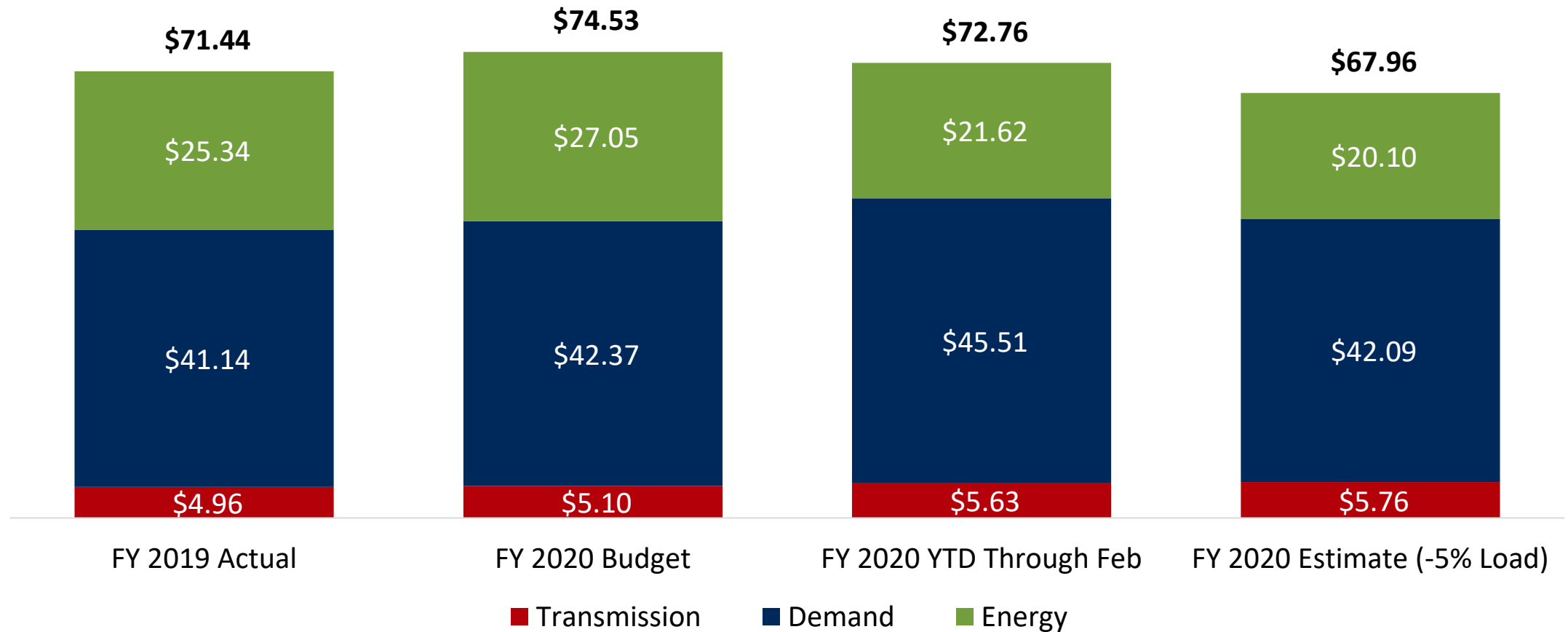
Cost Savings Material Compared to Last Year (\$/MWh)

Bring The Savings Forward: ~9% Lower Cost than Balance of FY19



ARP Power Costs for FY '20 Projected at \$68/MWh

9% Below Fiscal 2020 Budget



Estimate reflects actual data through February, current gas forward curve, 5% reduction in budgeted load for April - September, and



What FMIPA's Members Are Doing, Business Implications

Utilities Amending Policies to Help Customers

Communicating with Customers About Utility's Efforts

Customer Service Policy Changes

- Suspend disconnects
- Provide flexible payment plans
- Waive late payment fees
- Support financial assistance programs for customers
- Refer customers to federal, state and local assistance programs

Common Communication Topics

- Reinforce the utility's commitment to providing reliable, low-cost power
- Field crews follow social distancing
- Provide conservation tips since home bills may be increasing
- Reminder to be aware of opportunistic scammers

Utilities Considering Short-Term PCA Reductions

Great Way to Help Customers for Utilities Financially Able

- Florida seeing lower power cost; members looking to “bring the savings forward”
- Municipals considering short-term (1-3 months) reduction in Power Cost Adjustment (PCA)
- Jacksonville Beach, JEA and Mount Dora approved plans, and at least 12 others munis considering
- For those who can, great to show utility value
- FMPA available to help with financial analysis
- ARP members can use CREAC funds to assist those who cannot pay *(see chart at right)*

| Member | CREAC Funds
4/3/2020 |
|--------------------|-------------------------|
| Bushnell | \$3,934 |
| Clewiston | 68,377 |
| Fort Meade | 5,462 |
| Fort Pierce | 125,425 |
| Green Cove Springs | 36,743 |
| Havana | 28,043 |
| Jacksonville Beach | 42,186 |
| KUA | 66,815 |
| Key West | 62,987 |
| Leesburg | 15,940 |
| Newberry | 10,908 |
| Ocala | 173,808 |
| Starke | 36,400 |
| TOTAL | \$677,027 |

Communicate PCA Reductions to Customers

Low-Cost Options

- Facebook
- Twitter
- LinkedIn
- News Release
- Op-ed
- Newsletter
- Email
- Public meetings



Beaches Energy Services
Yesterday at 1:30 PM · 🌐

Beaches Energy customers will not be billed a bulk power cost adjustment fee for the month of April 2020.

We understand that many of our customers are experiencing financial stress during these uncertain times. Now, more than ever, we need to come together as a community to help and support one another in any way possible.

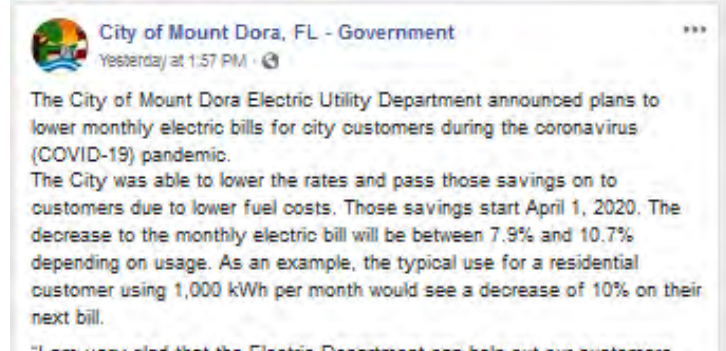
Learn more: <https://bit.ly/3aC7O45>

April Savings

ELECTRIC PRICE FOR 1,000 KILOWATT-HOURS

| | MARCH | APRIL |
|--------------------------|-----------------|----------------|
| Base charge, residential | \$4.50 | \$4.50 |
| KWH base charge | \$83.57 | \$83.57 |
| Power Cost Adjustment | \$21.84 | \$0 |
| Total | \$109.91 | \$88.07 |

169 31 Comments 24 Shares



City of Mount Dora, FL - Government
Yesterday at 1:57 PM · 🌐


The City of Mount Dora Electric Utility Department announced plans to lower monthly electric bills for city customers during the coronavirus (COVID-19) pandemic.

The City was able to lower the rates and pass those savings on to customers due to lower fuel costs. Those savings start April 1, 2020. The decrease to the monthly electric bill will be between 7.9% and 10.7% depending on usage. As an example, the typical use for a residential customer using 1,000 kWh per month would see a decrease of 10% on their next bill.

"I am very glad that the Electric Department can help out our customers when they need it most. Now that fuel prices are low, we felt it was important to go ahead and reduce the rates now as opposed to waiting until later," said Electric Utility Director Steven Langley.

The Power Cost Charge (PCC) is a separate charge on the customers' electric bills which recovers the actual cost of wholesale power that the city purchases from Duke Energy. The PCC is normally calculated for April 1 and October 1 and applies for the following six month period. The city does not make a "profit" on the PCC. It is simply a billing mechanism to pass along actual power costs to the city's electric customers. The lower PCC will decrease monthly electric bills of city residential electric customers by approximately 7.9% to 10.7%.

General Service primarily commercial customers will receive decreases ranging from 9.8% to 13.8%, depending on usage.



Positive Publicity

Traditional and Social Media

Orlando Sentinel

NEARLY TWO-THIRDS OF FLORIDA'S ICU BEDS ALREADY TAKEN

Florida coronavirus update: Friday: State's supply of spinal beds dwindling as...

Florida stay-at-home order: What you can and cannot do now

Read Florida Gov. DeSantis' stay-at-home executive order

Disney to begin furloughing employees starting April 19

By KEVIN SPEAR
ORLANDO SENTINEL | APR 03, 2020 | 3:29 PM

Electric utilities cutting bills temporarily for COVID-19 economic hit



Cane Island Power Park is owned by the Florida Municipal Power Agency and Kissimmee Utility Authority.

The state's largest utilities such as Duke Energy and Florida Power & Light Co. and some municipal utilities such as Mount Dora's are reducing power bills temporarily in response to the COVID-19 hit on the economy.

Participating utilities are able to do so by tapping cash put aside as a result of relatively lower costs for natural gas that runs electric generators.



LATEST

Seminole County orders people with coronavirus to stay home and will

City of Tallahassee, FL - Government

16 hrs

TallahasseeProud to see our efforts to ensure reliable electric service during the COVID-19 emergency highlighted nationwide.

Florida Municipal Electric Association, Florida League of Cities, Inc., National League of Cities, ICMA - International City/County Management Association, American Public Power Association, Florida Municipal Power Agency

<https://labn.ws/3dO1zF3>

ABCNEWS.GO.COM

To keep the lights on during COVID-19 emergency, power company workers sequester in the office

55 Likes 7 Comments 6 Shares

My Lakeland Electric

March 31 at 9:22 AM

We know you count on us to deliver dependable electric service no matter what, and we take that responsibility very seriously. We are taking action to ensure the continuous delivery of energy to our customers while keeping the health and safety of our customers, employees, and community a top priority. You can view the steps we're taking here: akelandelectric.com/About-Us/COVID-19-Response

21 Likes 3 Shares

Keys Energy Services

March 24 at 3:16 PM

Keys Energy Services (KEYS) understands the Coronavirus (COVID-19) outbreak may cause some customers to experience financial difficulty due to illness, quarantine, or a disruption at work. As part of its commitment to serving and working with customers during this unprecedented situation, KEYS has temporarily suspended all service disconnections for nonpayment. Normal disconnection practices will resume within a reasonable time after the resumption of normal operations.

Just... See More

KEYS TEMPORARILY SUSPENDS SERVICE DISCONNECTIONS

175 Likes 27 Comments 193 Shares

Ocala Electric Utility

March 30 at 1:02 PM

City of Ocala Services COVID-19 Updates

Other Updates

- Residential and commercial sanitation and recycling collection will continue as scheduled.
- Downtown parking meter fees are waived until further notice.
- All recreational facilities within public parks are closed until further notice.

SUSPENSION OF UTILITY DISCONNECTIONS

The City of Ocala recognizes the financial impact of COVID-19 on our customers and believes that no one should lose service during this critical time. Effective March 19, we have temporarily suspended service disconnections for the next 30 days and will reevaluate the policy and timeframe as the situation develops.

For more information, visit www.ocalafl.org

8 Likes 6 Shares

Kissimmee Utility Authority

April 1 at 7:29 PM

KUA Expands Assistance Programs to Support Customers During Coronavirus Pandemic

Kissimmee Utility Authority continues to monitor the impacts of COVID-19 (coronavirus) across its Osceola County service area. The utility is committed to performing its important role of delivering safe and reliable energy to its customers during this critical time.

In its continuing response to the pandemic, KUA is supporting customers with the following actions:

Effective today, KUA has extended ...

See More

31 Likes 12 Comments 15 Shares

City of St. Cloud, Florida

March 17 at 4:20 PM

St. Cloud Temporarily Suspends Utility Disconnections:

In light of the changing dynamics and impacts associated with COVID-19, the City of St. Cloud will temporarily suspend utility service disconnections through March 31. In the interest of customer service and the current unusual global circumstances, the City will accommodate a payment arrangement equal to the number of months owed to avoid creating an added burden on residents. This adjustment could be extended by the City Manager, should circumstances warrant.

Customers are encouraged to contact St. Cloud Utilities Customer Service at 407-957-7344 for questions or to make payment arrangements. For additional information regarding electric power, customers encouraged to visit <https://www.ouc.com/coronavirus-monitoring>

Coronavirus (COVID-19)- News & Updates

ouc is closely monitoring the coronavirus (COVID-19).

56 Likes 1 Comment 34 Shares

**AGENDA ITEM 4 – INFORMATION
ITEMS**

b. Update on FMPA Solar Projects

**Policy Makers Liaisons Committee Meeting
April 15, 2020**



PMMLC 4b – Update on FMMPA Solar Projects

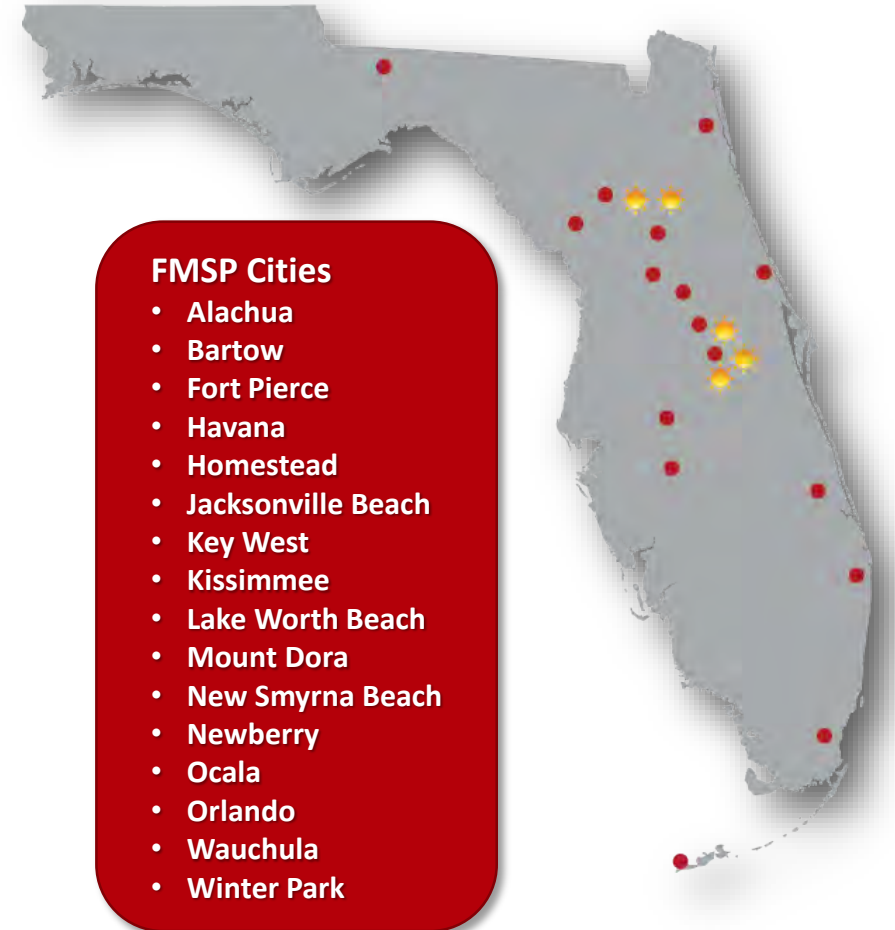
Policy Makers Liaisons Committee

April 15, 2020

Florida Municipal Solar Project

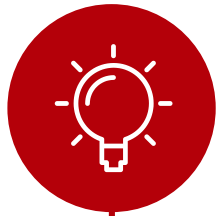
Providing Solar Power to 16 FMMPA Members by End of 2023

- One of largest municipal-backed solar projects in U.S.
 - Five sites; 1.5 million panels
 - 373.3 MW
 - Enough to power 75,000 typical Florida homes
- Large-scale solar more cost effective
 - Less than one-third cost of private, rooftop system
- FMMPA's solar energy at 2% in 2021
- Phase II solar to increase renewables to ~6% for All-Requirements Project by 2023/2024



Florida Municipal Solar Project Phase I Timeline

Execution



May
2018

Ground Breaking



November
2019

First Panels



March
2018



Announcement

November
2019

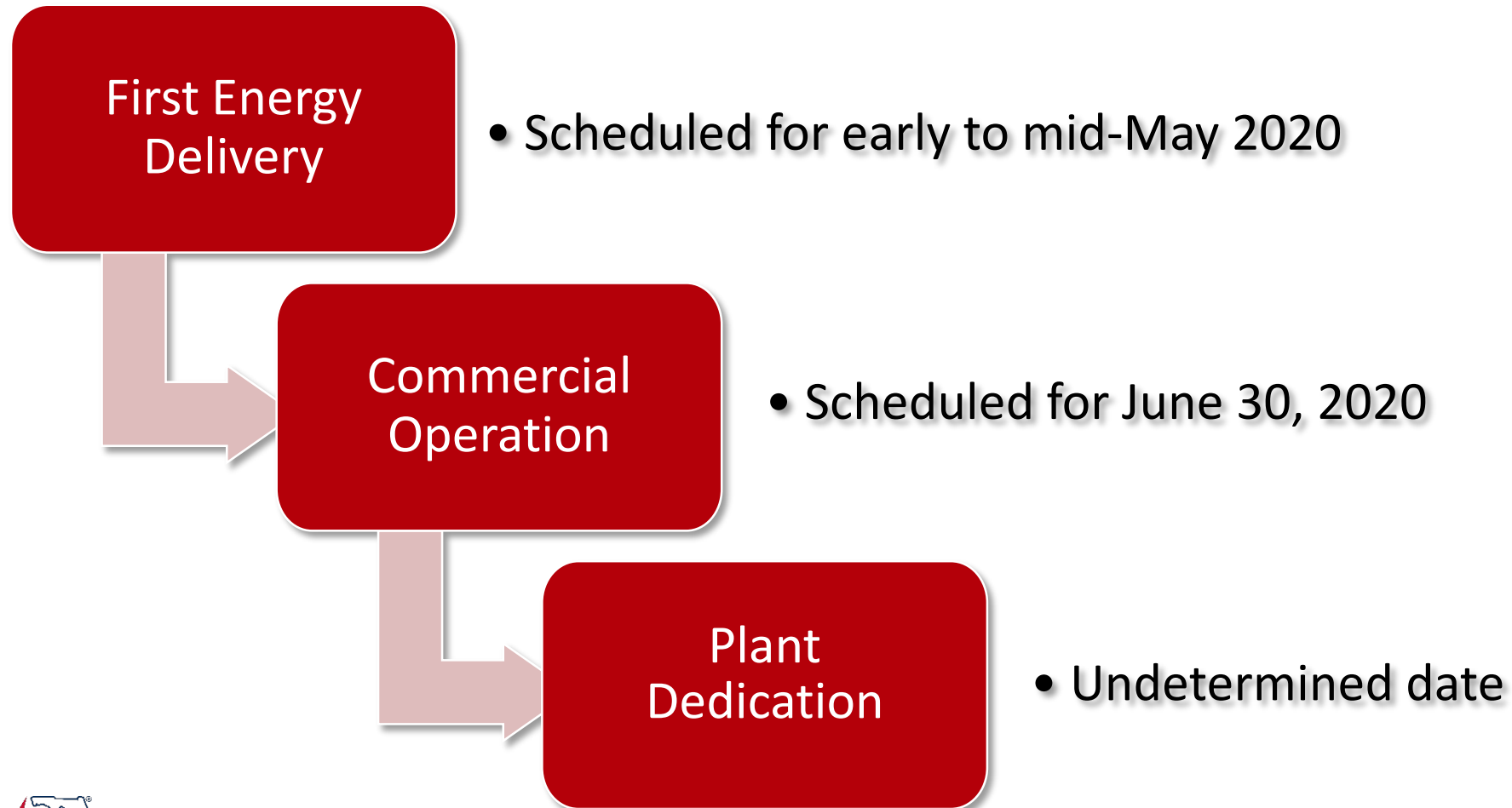


Construction

February
2020

What's Next?

Upcoming Milestones for Harmony and Taylor Creek Sites



Harmony Solar Construction - February 2020



Florida Municipal Solar Project Phase II Timeline

➔ December 2019

- PPA Execution and Project Announcement

➔ September 2022

- Interconnection Agreement

➔ December 2022

- Governmental Approvals

➔ December 31, 2023

- Commercial Operation Date





Solar Subscriptions



Florida Municipal Solar Project

16 FMPA Members Participate in Phase I and Phase II

- Solar I and II Project Participants

- Alachua
- Bartow
- Homestead
- Lake Worth Beach
- **Mount Dora***
- **New Smyrna Beach***
- Wauchula
- Winter Park

- ARP Solar Participants

- Beaches
- **Fort Pierce***
- Havana
- **Key West***
- **Kissimmee***
- Newberry
- **Ocala***

* Six Members currently pursuing solar subscription rate

(Orlando Utilities Commission participates in FMSP Phase I under separate PPA)

KUA Already Implementing Subscription Program

Preparing for July 2020 Solar Energy Delivery

- Allowing 25%, 50%, 75% or 100% participation
- Flat rate adder of \$0.04 per kWh of solar energy subscribed
- Informative website
 - Educational Videos
- Social media campaign
- Additional customer communications planned



**AGENDA ITEM 4 – INFORMATION
ITEMS**

c. Update on Emissions

**Policy Makers Liaisons Committee Meeting
April 15, 2020**



PMLC 4c, BOD 9c, EC 9c Update on Emissions

Policy Makers Liaisons Committee,
Board of Directors, Executive Committee

April 15 & 16, 2020

U.S. House Issued CLEAN Future Act (CFA) in 2020

Bill Not Expected to Pass in 2020 But Sets Policy Proposals

- CFA a draft bill released by House Energy and Commerce Committee
- Bill would reduce economywide GHG emissions from 2005 base by 50% in 2030 and to net-zero by 2050
- Committee leaders see this as year for developing policy proposals
- No expectation bill will become law this year, but see which proposals garner support and which garner resistance
- Democratic objective to be prepared for potentially more favorable political climate after November elections
- Some have proposed fracking ban by 2025, which would completely upend energy prices in the U.S. and challenge grid reliability

FMPA's Low-Cost Plan Can Achieve Goal for 2030

Reduce GHG Emissions by 50% and Maintain Affordability

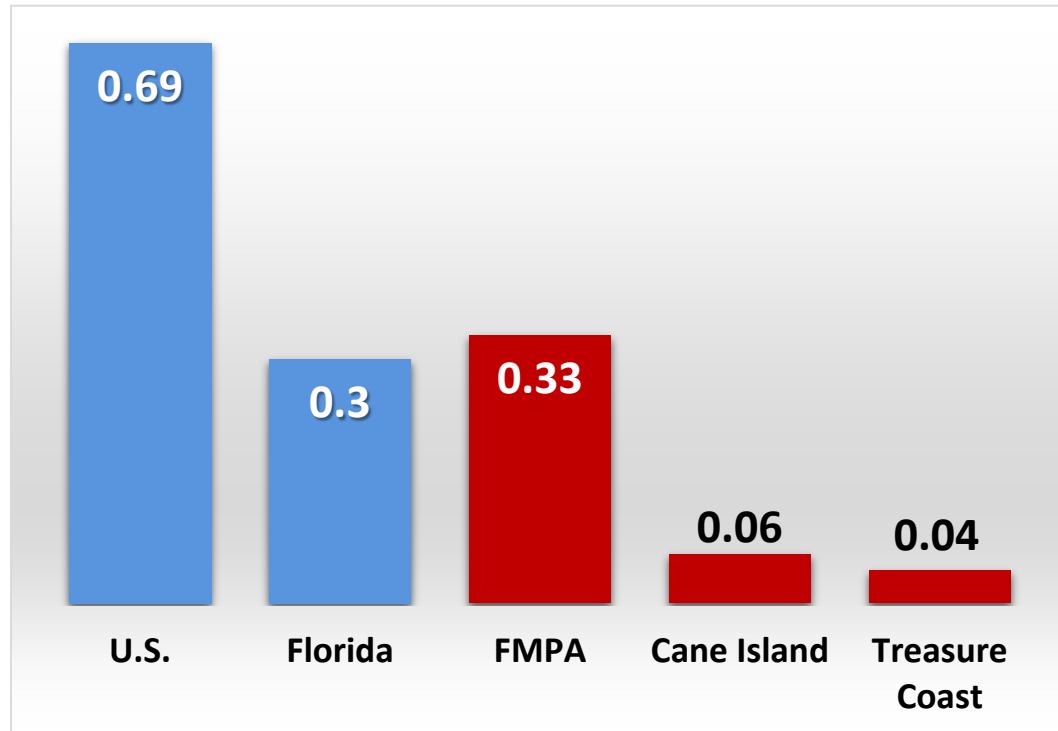
- FMPA's low-cost plan can achieve 50% GHG emission reduction by 2030
 - Need to increase natural gas generation and add solar at the expense of coal
- Cost for such a plan very affordable assuming affordable natural gas
- Plan through 2030 appears very manageable and limited challenges to reliability
- Effort to head toward net zero GHG creates significant cost and reliability concerns with current- and near-term technology gains
- Require significant overbuild of solar and massive battery deployment for power 16+ hours a day and at times run for 5-7 days straight
- Could easily mean doubling or tripling electricity prices or more

FMPA Has a Clean Generation Fleet

Emissions Below U.S. Averages by 50% and ~80%

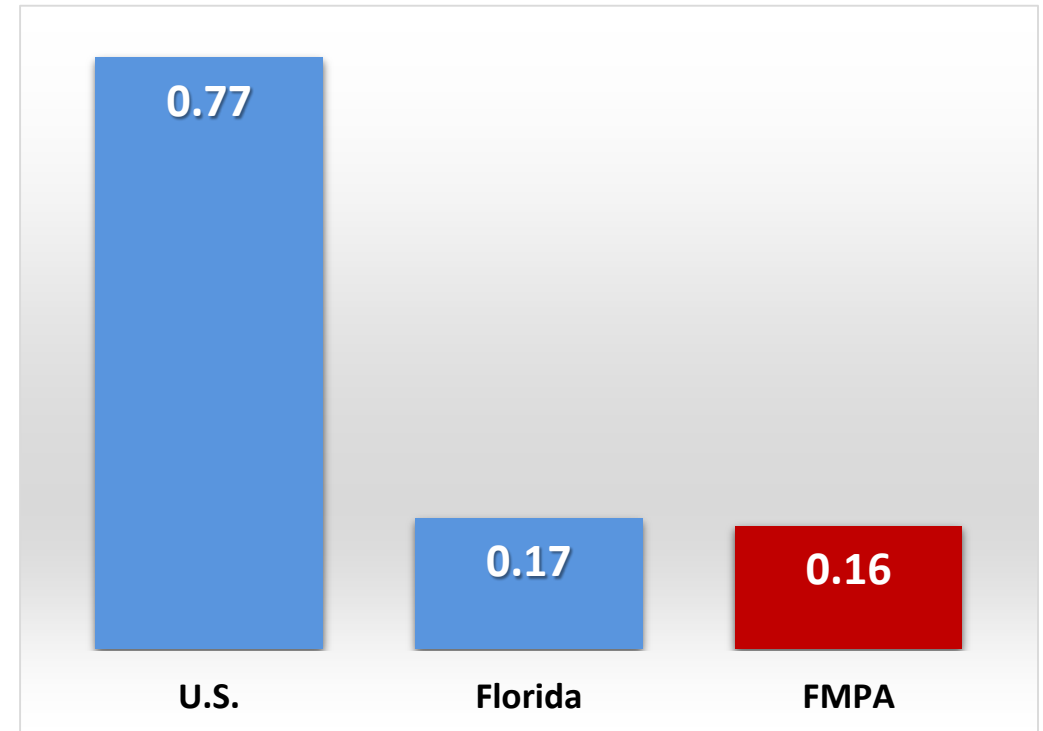
NO_x 50% Below U.S. Average

Lbs./MWh, all generation, 2019 data



SO₂ Nearly 80% Below U.S. Average

Lbs./MWh, all generation, 2019 data



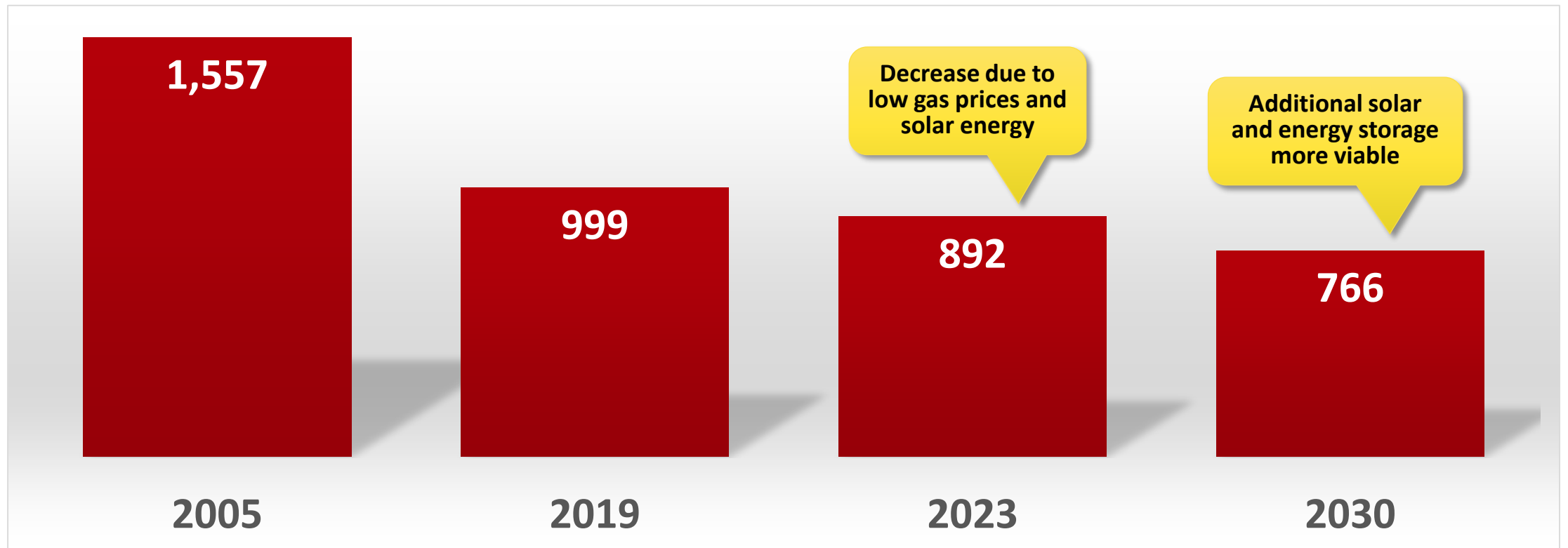
SOURCE: 2019 Annual Acid Rain Program

FMPA CO₂ Projected to Decline Significantly by 2030

Gas Switch and Solar Drive Improvement of ~51% from 2005

CO₂ Emissions (lbs./MWh)

Projected Reductions Derived from EPA's Acid Rain Program Database

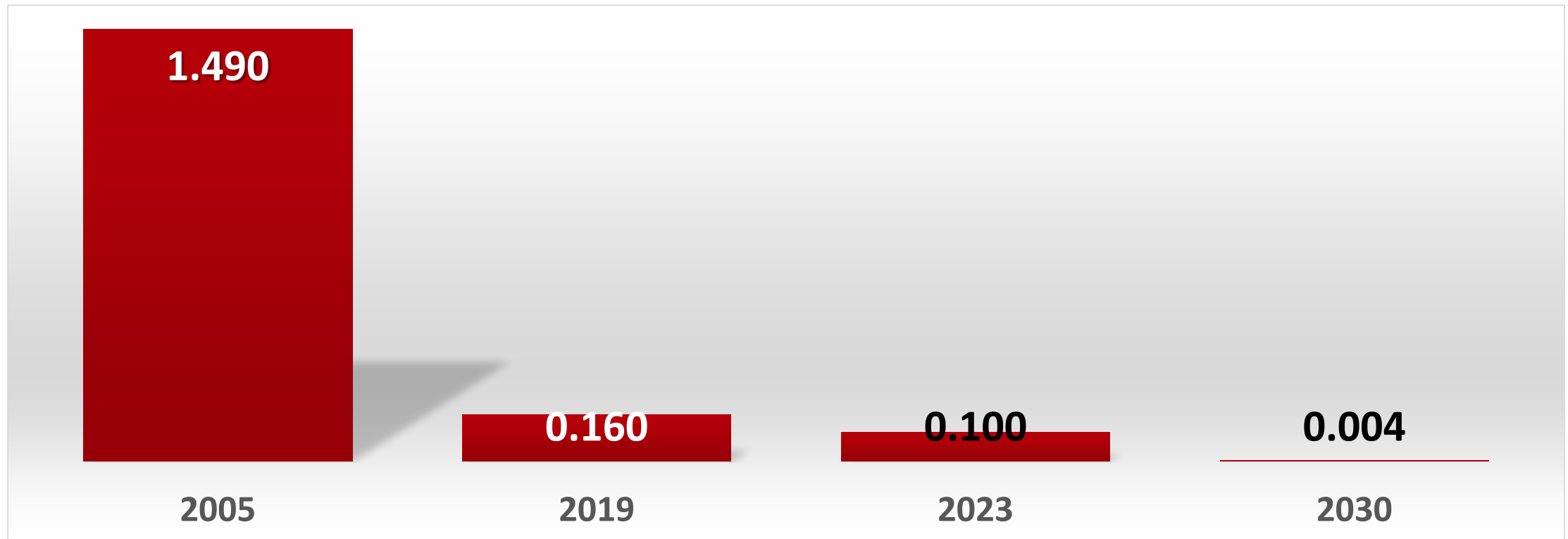


FMPA SO₂ Projected to Decline Significantly by 2030

Gas Switch and Solar Drive Improvement of ~99% from 2005

SO₂ Emissions (lbs./MWh)

Projected Reductions Derived from EPA's Acid Rain Program Database

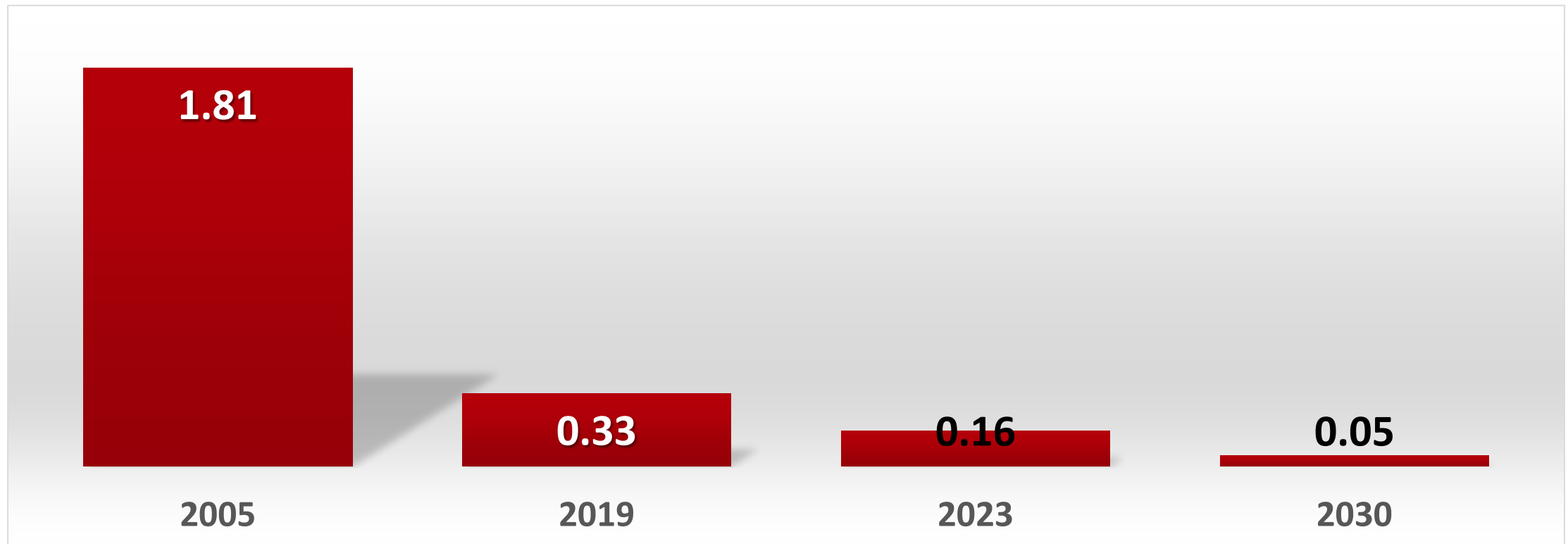


FMPA NO_x Projected to Decline Significantly by 2030

Gas Switch and Solar Drive Improvement of ~97% from 2005

NO_x Emissions (lbs./MWh)

Projected Reductions Derived from EPA's Acid Rain Program Database



Some Utilities Have Sustainability/Net-Zero Goals

Tallahassee and OUC Are Two in Florida

Orlando Utilities Commission¹

- New strategic plan released 2/20
- Net-Zero carbon emission by 2050
- 50% by 2030 from 2005 levels
- Path to Net Zero:
 - Investments in renewables
 - Investments in energy efficiency
 - \$45 million investment in electrification of transportation
 - \$90 million in hydrogen, storage

City of Tallahassee²

- Clean energy resolution passed 2/19
- 100% renewables by 2050
- Any unavoidable use of non-renewable energy will be balanced by export of renewables to others
- City facilities 100% renewable 2035
- City vehicles, buses to electric as technology, reliability are viable

Cost, Reliability Challenges of Deep Decarbonization

Conclusions of a Pacific Northwest Study by E3 Consulting Firm

- Low-cost option: replace coal with efficiency, renewables, natural gas
- New gas capacity not inconsistent with deep reductions in carbon emissions; gas needed to maintain firm capacity for reliability
- Renewables and short-duration storage have limitations
- Other potential low-carbon, firm capacity include: 1) new nuclear, 2) gas or coal with carbon capture, 3) ultra-long duration storage, 4) replace conventional natural gas with carbon-neutral gas
- Extremely costly and impractical to replace all carbon-emitting firm generation capacity with renewables and storage

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

**Policy Makers Liaisons Committee Meeting
April 15, 2020**

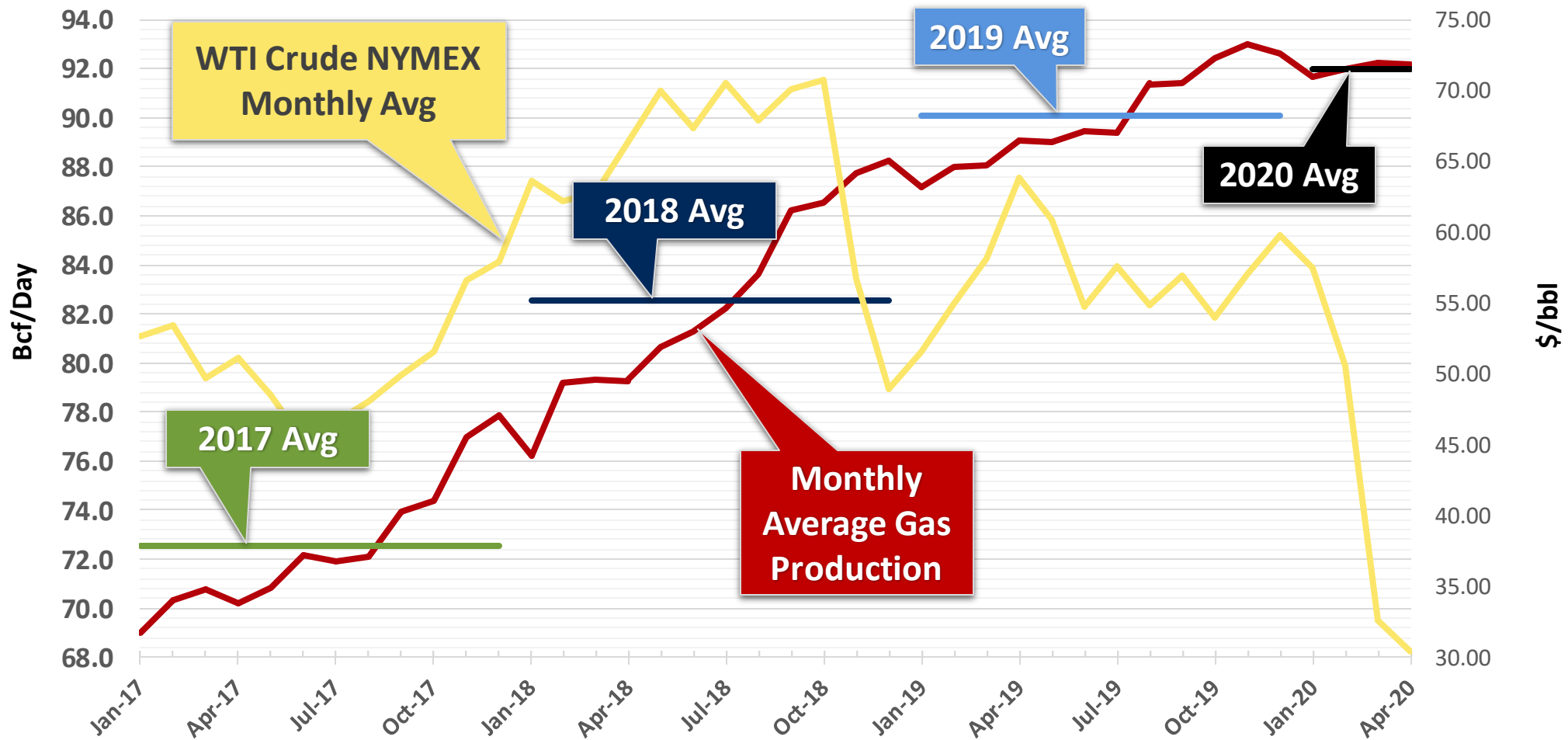
Fiscal 2020 Management Goals Scorecard, as of March 31, 2020



| Goal | Status | Actual | YTD Actual | YTD Target | FY'20 Target | Comment |
|--|-----------------|---------|------------|------------|--------------|---|
| 1. Safety (no lost-time accidents for employees/agents) | | 0 | 0 | 0 | 0 | Zero lost time accidents. |
| 2. Compliance (no violations that are not self-reported) | Environ. | 0 | 0 | 0 | 0 | Zero compliance violations. |
| | Financial | 0 | 0 | 0 | 0 | |
| | Regulatory | 0 | 0 | 0 | 0 | |
| 3. Cyber Security (zero cyber breaches: Corp IT & Plant Ops) | | 0 | 0 | 0 | 0 | |
| Members APPA Scorecard | | 0 | 5 | 2 | 12 | |
| Phishing Testing | | 5.6% | 7.6% | 5% or < | 5% or < | Spoofing FMPA: "VPN Account Deactivation Policy"
4 Clickers |
| 4. Low Costs (\$/MWh) | Non-Fuel | \$60.16 | \$52.96 | \$54.30 | \$48.55 | Feb. 2020 data will be updated by meeting with March 2020 data. YTD MWh sales 2.1% below target. Main drivers of all-in costs ~8% (~\$6/MWh) below YTD Target - fuel expenses 22% below target & O&M expenses ~3% below target. |
| | Fuels | \$15.14 | \$19.38 | \$24.10 | \$24.09 | |
| | All-in | \$75.30 | \$72.76 | \$78.41 | \$72.64 | |
| 5. Reliability | CC EAF | 80% | 89% | 83% | 88% | Cane Island Unit 3 was in a forced outage. Cane Island Unit 4 was in a scheduled outage. |
| | KWS Blk Start | | | | | None |
| | SAIDI Reduction | 2 | n/a | n/a | 7 | |

Natural Gas Production Following Changes in Oil Prices

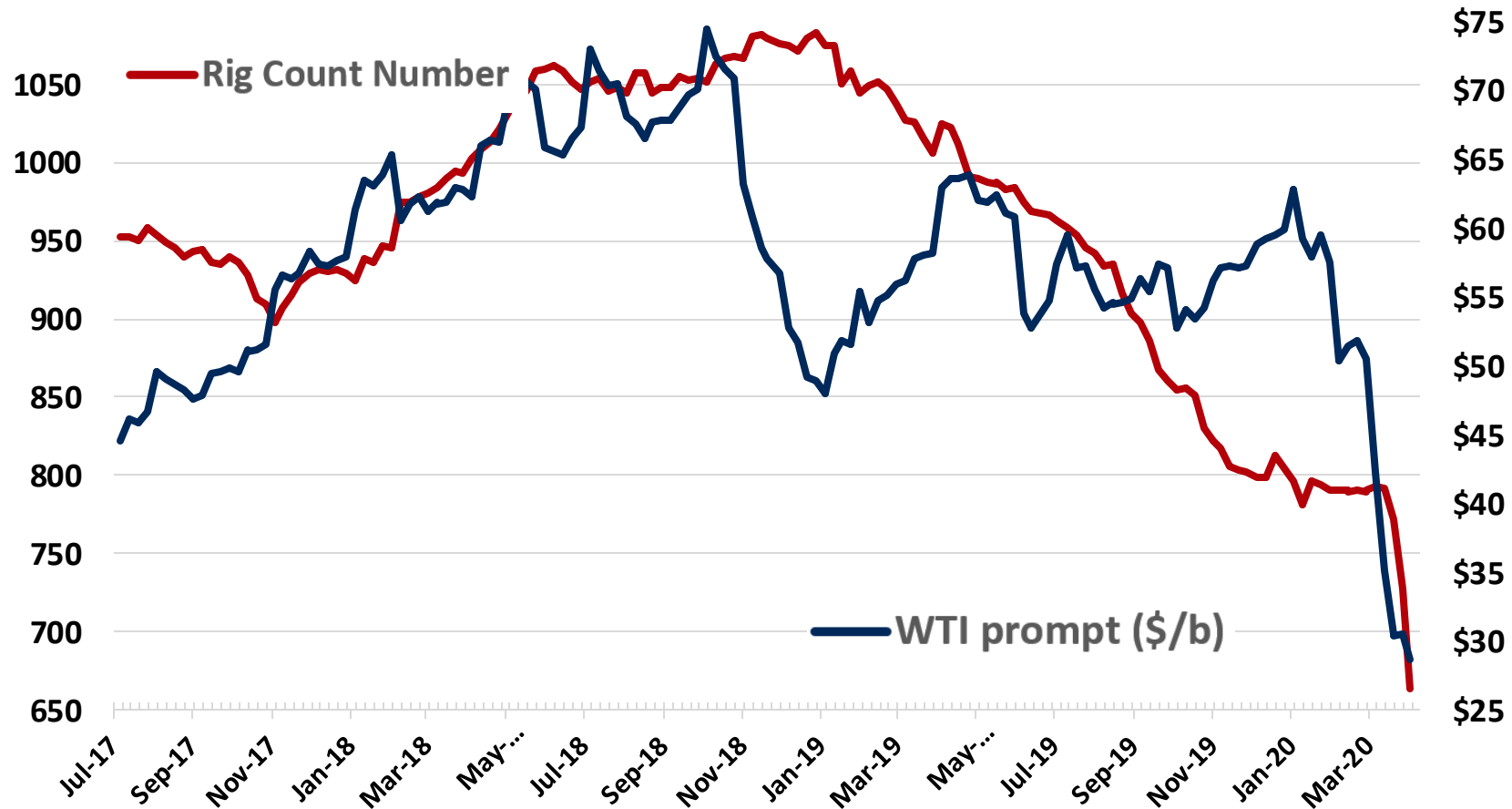
Average Monthly Change Since 2017 to Date (4/03/20)



Drilling Rig Count Declines as Oil Prices Move Lower

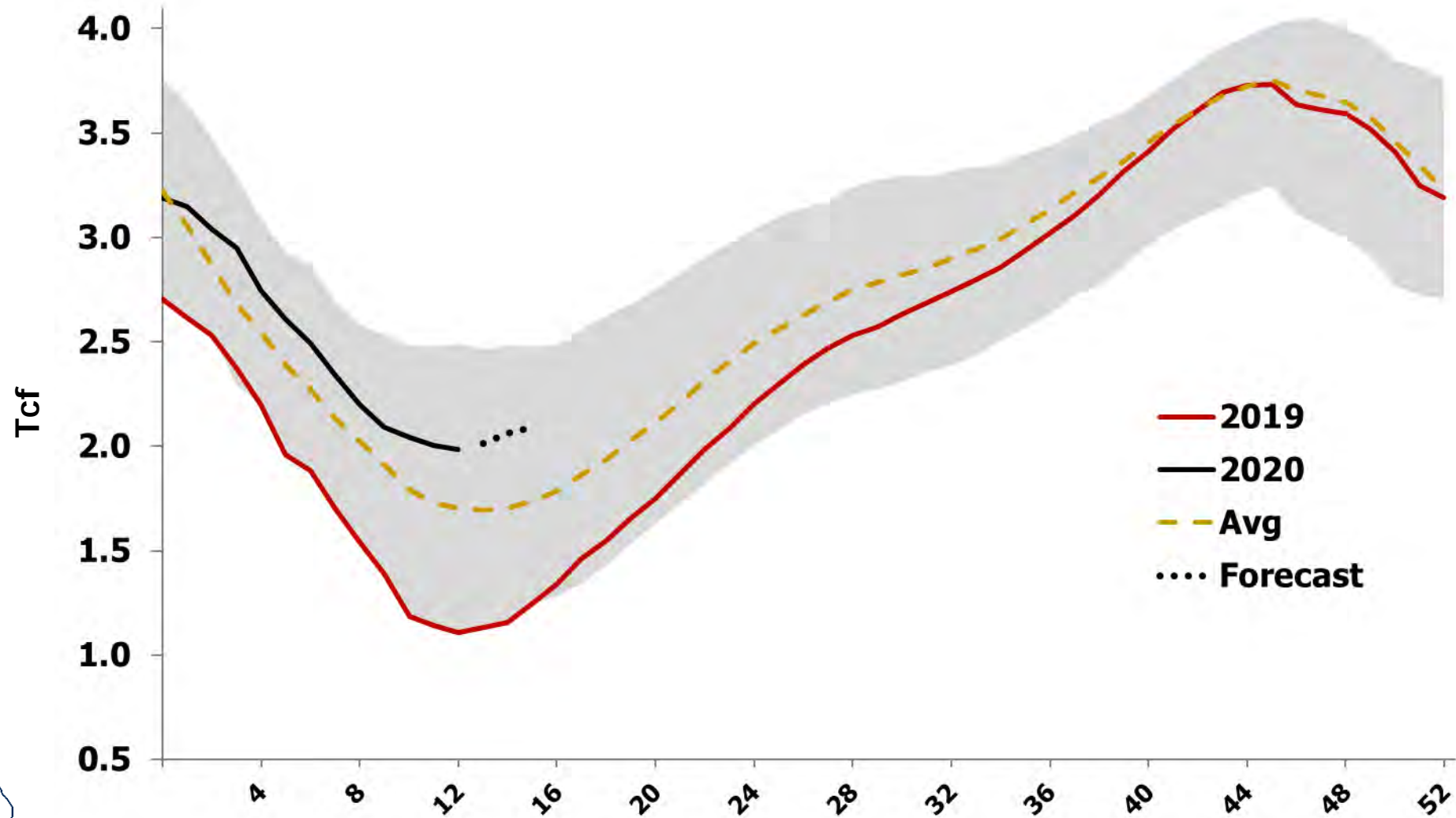
Drilling Rig Expansion resumes decline as WTI Price falls (as of Apr 3rd)

US Drilling Rig Count vs WTI Prompt



Gas Storage Inventory as of Week Ending April 3rd

2020 Injection Season trending above the 5 Year Average



(Continued) Management Goals Scorecard, as of February 29, 2020



| Goal | Status | Comment |
|--|--------|--|
| 6. Energy/Capacity Sales - Execute wholesale agrmts. with projected margin value \$3.5M for FY2020-2024 | | Reedy Creek off-peak energy sale extended through April at 25 MW. |
| 7. Enhance Pool – for future significant solar resources
- Hire new Exec. Dir.
- Devel. practices for extra reserves and fast start needs
- Devel. mkt. compensation products to manage new solar resources | | Executive Director interviews delayed until at least the end of May. FMPP Solar Task Force had a webinar with a representative from Southwest Power Pool to learn about operational and market solutions to variable resource impacts. |
| 8. Member Services
Visits by Leadership Team (75) | | 12 visits in March. YTD total is 47. |
| Member Services
15 project oversight | | 13 YTD. Started in March the Beaches Operational Business Plan, Blountstown recloser coordination, Winter Park cap bank, support on rate reductions in response to COVID-19 |
| Assist solar subscription service - 6 | | <ul style="list-style-type: none"> •KUA has implemented program, prepared for July solar energy billing. •Actively working on subscription rates for 2 members: FPUA, Ocala. •Detailed introductory information shared with 3 additional interested members: NSB, Mount Dora, KEYS. Note: Solar members are encouraged to contact FMPA if interested in investigating solar subscriptions for your city. |

(Continued) Management Goals Scorecard, as of February 29, 2020



| Goal | Status | Comment |
|---|--------|---|
| 9. Promoting Value of Utilities
Update Member Reports – 16
Public Presentations by Members or FMPA - 10 | | 6 of 16 Member Reports Updated/Completed: Bartow, Green Cove Springs, Havana, Mount Dora, Starke, Wauchula.
0 of 10 Public Presentations complete or scheduled. (COVID-19 restrictions will limit opportunities for public presentations). |
| 10. Solar Project
- Execute Phase 2 Solar Agreements
- Assist Members marketing Phase 1 groundbreaking & energize Phase 1 | | <ul style="list-style-type: none"> •Phase II Agreements fully executed. •Phase I construction photos and videos for marketing and promotion are being distributed to members and posted on social media on a regular basis. •“Behind the Switch” social media campaign highlighted LWB, KUA, OUC, and FMPA during the month of March •Phase I Harmony and Taylor Creek on schedule for June 2020 COD. |
| 11. ARP Restructuring -
Reach agreement on desired path of Members | | March workshop was cancelled. Plan to have workshop in May. |
| 12. People
- Development opportunities/cross training/Back-Up – at least 8 | | Development plans for team members have been completed. New development opportunity in the Financial analysis and rates area. New accounting software is up and running so training on the AP is beginning. Four total development opportunities have been identified. |
| - FMPA Fleet Team Sharing – 80 days | | Total of 80 days FYTD. No team sharing for the month of March. |

AGENDA ITEM 6 – MEMBER COMMENTS

**Policy Makers Liaisons Committee Meeting
April 15, 2020**

AGENDA ITEM 7 – ANNOUNCEMENTS

- a. Next Meeting: Wednesday, July 30, 2020 at 3 p.m. at the FMEA Annual Conference, The Breakers, 1 South County Road, Palm Beach, FL**

**Policy Makers Liaisons Committee Meeting
April 15, 2020**

AGENDA ITEM 8 – ADJOURN

**Policy Makers Liaisons Committee Meeting
April 15, 2020**