

**MINUTES FROM THE BATTERY STORAGE WORKSHOP
THE UTILITY BOARD OF THE CITY OF KEY WEST, FLORIDA,
HELD AT 9:30 A.M. ON WEDNESDAY, MARCH 3, 2021 AT
THE KEYS ENERGY SERVICES BOARD ROOM**

The above referenced workshop of the Utility Board of the City of Key West, Florida, convened at 9:30 A.M., on the above date and location and was called to order by Utility Board Chair Mona Clark.

Utility Board Members Present

Mona Clark, Utility Board Chair (in-person)
Timothy Root, Utility Board Vice Chair (virtual)
Robert Barrios, Member (in-person)
Pat Labrada, Member (in-person)
Steve Wells, Member (in-person)

Staff Present

Lynne Tejada, General Manager & CEO (in-person)
Edee Delph, Executive Assistant to GM/CEO & UB (in-person)
Fred Culpepper, Transmission & Distribution Director (virtual)
Julio Torrado, HR & Communications Director (virtual)
Erica Zarate, Customer Services Director (virtual)
Robert Berger, I&E Technician /Operator (virtual)
David Cottar, Supervisor of Generation (virtual)
Michael Durbin, I&E Technician /Operator (virtual)
Jay Hudkins, Project Engineer (virtual)

Others Present

Jacob Williams, FMPA Chief Executive Officer (in-person)
Ken Rutter, FMPA Chief Operations Officer (in-person)
Navid Nowakhtar, FMPA Resource & Strategic Planning Manager (virtual)

Agenda Item #2 –Discuss Battery Storage Solution

Mrs. Tejada introduced Mr. Jacob Williams, Florida Municipal Power Agency (FMPA) CEO and Mr. Ken Rutter FMPA COO.

Mrs. Tejada stated that over the last year, FMPA has discussed the potential for battery storage in the Florida Keys. Last month FMPA staff provided the All Requirements Project Committee (ARP) with a presentation explaining how battery storage could solve future transmission constraints.

Mrs. Tejada stated that today, Mr. Williams and Mr. Rutter, will present the Utility Board members with preliminary information on battery storage.

Mr. Williams informed the Board that currently the load coming from the mainland down the transmission line has increased and will continue to increase, which will require an increase to KEYS generation.

Mr. Williams stated that battery storage can solve impending transmission constraints driven by Florida Keys Electric Cooperative (FKEC) and KEYS.

Mr. Williams and Mr. Rutter provided the Board with a power point presentation and discussed the following:

- Potential solution for tie line limits
- Impending transmission constraints
- Current capacity and transmission backup
- Daily load profiles to exceed KEYS share of tie line
- KEYS utilization of tie line impacted by FKEC growth
- Potential displacement of generation in next decade
- National storage capacity
- Different types of value storage will bring
- Battery absorbing shocks to system
- Other indirect benefits
- Supplementing existing generation with batteries
- Envisioned project if located on Stock Island

Mr. Williams stated that FMPA will continue to study and discuss feasibility with KEYS. The formal request for proposals is expected by the end of 2021.

After Board discussion Mrs. Tejada stated that as FMPA continues the analysis process she will continue to update the Board on findings and come back before the Board after the FMPA Executive Committee provides a recommendation.

Mr. Barrios asked if FMPA will be looking at alternatives including reconductoring the line. Mr. Williams stated that part of the feasibility study will include comparisons to other solutions.

Item #3 – Public Input

There was no Public Input to come before the Utility Board.

(The power point presentation is available upon request)

Adjournment

The Utility Board Workshop of Wednesday, March 3, 2021, was adjourned by Utility Board Chair Mona Clark at 10:30 a.m.

APPROVE:

Mona C. Clark, Utility Board Chair

ATTEST:

Lynne E. Tejada, General Manager/CEO & Secretary

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