

MASSACHUSETTS MUNICIPAL WHOLESALE ELECTRIC COMPANY  
BOARD OF DIRECTORS MEETING  
MMWEC ADMINISTRATIVE OFFICES  
LUDLOW, MA  
AND  
MMWEC VIA ZOOM  
REGULAR SESSION  
August 8, 2023  
MINUTES

A. PROCEDURE

1. Call to Order

Chairman Flynn called the meeting to order at 10:01 a.m. and, following a roll call, stated that a quorum was present.

Those present:

Directors and Officers:

Chairman Michael Flynn; Director Tara Rondeau; Director Charmaine White; Director Joseph Sollecito; Director Christopher Roy; Director Kevin Kelly; Town of Ludlow Representative James Gennette; CEO and Secretary Ronald C. DeCurzio; President Peter Dion; Executive Director, Special Projects and Treasurer Matthew J. Ide; Assistant Secretary and Director of Communications and External Affairs Kate Roy; General Counsel Ryan Barry

Members:

Joe Kowalik, Marblehead General Manager; Panos Tokadjian, Hull Operations Manager; Jonathan Fitch, West Boylston General Manager; Brooke Czasnowski, Ashburnham Manager; Joe Anastasi, Peabody General Manager; Barry Tupper, Holden General Manager; Matt Stelmach, Sterling General Manager; James Lisowski, Chicopee General Manager

Others:

Acting Director of Engineering & Generation Assets Jason Viadero; Director of Energy Markets Justin Connell; Director of Financial Reporting and Corporate Technology Carol Martucci; Treasury & Financial Services Manager Haley Pedruczny; Sustainable Energy Policy and Program Senior Manager Zoe Eckert; Manager of Regulatory & Market Services Daniel Murphy; Manager of Energy Commodities Dean Clark; Administrative Services Coordinator Heather Santaniello; Daniel Faille, Chicopee Assistant General Manager; Ken Kimmell, AvanGrid; Tom Carugati, AvanGrid; Mical Nobel, AvanGrid.

2. Approval of Agenda

Chairman Flynn asked for approval of the agenda, with the modification that executive session take place prior to other agenda items in order to accommodate the schedules of the AvanGrid representatives. A motion was made by Mr. Sollecito, seconded by Ms. Rondeau, and it was unanimously voted to accept the agenda as presented and modified.

C. EXECUTIVE SESSION

A motion was made by Mr. Sollecito, seconded by Ms. Rondeau, and upon a roll call vote, it was unanimously:

(VOTED 23-29): To enter Executive Session pursuant to St. 1975, c. 775, Section 19(a) for the purpose of discussing trade secrets or commercial or financial information the disclosure of which would adversely affect MMWEC's ability to conduct business in relation to other suppliers of electric power and energy and that upon termination of the Executive Session, the Board Meeting will be reconvened in Regular Session.

The Board entered Executive Session at 10:03 a.m.

The Board meeting reconvened Regular Session at 11:05 a.m.

B. CURRENT AGENDA

1. Member and Participant Comments

There were no member or participant comments.

2. Approval of Regular Session Meeting Minutes

a. Board of Directors Meeting Minutes – January 25, 2023

A motion was made by Mr. Sollecito, seconded by Ms. Rondeau, and it was unanimously:

VOTED: to approve the minutes of the January 25, 2023 meeting of the Board as presented.

b. Board of Directors Meeting Minutes – February 22, 2023

A motion was made by Mr. Sollecito, seconded by Ms. White, and it was unanimously:

VOTED: to approve the minutes of the February 22, 2023 meeting of the Board as presented.

3. Activities Report

Mr. Clark first presented on various power portfolio opportunities. Members' power portfolios are now being examined based on meeting GGES and individual system environmental policy goals. In anticipation of meeting 2030 requirements, MMWEC has started efforts to renew the current Canadian hydroelectric supply contract, which expires in 2025. Beyond the 2030 measuring point, the hydroelectric supply contract with NYPA will renew in 2032. These two contracts set up the navigation of the remaining gap to comply with

the 2040 requirement. To close the portfolio's gap prior to the 2040 measuring point, MWMEC is actively considering opportunities to invest and/or obtain entitlements to power that contains the environmental attributes required to comply with the GGES, including onshore wind, existing nuclear, hydroelectric, and large scale solar.

Mr. Connell then presented on peak forecasting. Since the last Board Activities Report, MMWEC's Peak Dispatch Program called three potential transmission peaks in March, four in April, five in May, and five in June. These calls resulted in successfully capturing the Eversource and National Grid transmission peaks for March and May. In April, the Eversource peak occurred on a day that did not coincide with the ISO-NE monthly peak. The same occurred in June for the National Grid peak, when MMWEC did not forecast the correct peak hour. MMWEC continues to refine its peak forecasting capabilities.

Mr. Murphy then presented on the increase in interconnection requests. MMWEC and the MLP will both be notified by ISO-NE of any proposed projects that impact MLPs and invite them to participate in an initial scoping meeting at a mutually agreed upon time. MMWEC is seeing an increase in the number of these interconnection requests. As a service, MMWEC provides technical expertise at the interconnection scoping meeting and throughout the interconnection system impact studies. MMWEC has participated in many studies on behalf and in conjunction with MLPs electing to have their own staff also participate. The interconnecting customer, interconnecting transmission owner, and all affected parties participate in the initial scoping meeting. The purpose of the meeting is to introduce and discuss the pertinent details of the project and identify the various required interconnection studies to be performed. The interconnecting customer bears the cost of all interconnection studies including reimbursing the affected parties such as MMWEC and the MLPs participating in the studies. MMWEC coordinates with its Members to estimate costs to participate in the interconnection study process. MMWEC then enters into reimbursement agreements with ISO-NE to recover these costs. As part of this service, MMWEC communicates to members any issues and/or impacts to their distribution system that may result from the interconnection.

Ms. Eckert then presented on NextZero developments. The NextZero program continues to produce marketing materials, including collateral for Participants to distribute to customers and social media ad campaigns to make customers aware of the programs. Website traffic at [www.NextZero.org](http://www.NextZero.org) has continued to grow since its launch. Heat pumps represent a great opportunity for growth, as well as a challenge for MLPs. With a new MassSave three-year plan with greatly increased incentives for residential and commercial customers and advantageous electric rates, MMWEC expects to see a growing number of heat pump installations. MMWEC, working with CET, has designed a heat pump assessment service to provide participating MLP customers with the ability to work with an independent third party expert (CET) to get answers to questions about heat pumps and fully understand how heat pumps might be applicable for their homes. The Connected Homes Program has been active since spring 2020. MMWEC has worked with Virtual Peaker to expand product offerings, including the inclusion of Google Nest and Resideo/Honeywell thermostats in December 2020, and Enel X/JuiceBox EV chargers and Generac home batteries in 2021. The program has recently added Flair smart IR remote controls for mini-splits, and is continuing

to explore adding additional product types and manufacturers to the program. Starting in August of 2023, Amazon Thermostat, Emoria EVSE, Ephase Batteries, Eguana Batteries and Emporia Batteries will be added to the available manufacturer list in Connected Homes. The NextEra program now includes 14 MLPs, 893 customers, along with 1,523 different devices.

Mr. Ide then presented on FERC Activities. MMWEC has been very active in front of FERC. MMWEC led the region's Public Power Sector in a FERC Filing (Docket No. ER18-1639-000) calling for more disclosure of information surrounding the charges to ratepayers related to the Mystic RMR contract. Additional key areas of focus for MMWEC continues to be leading a coalition of public power entities to advocate for market reforms that improve reliability, especially during the winter, which includes a comprehensive strategy to gain access to transmission ownership (Docket No. AD 21-10, AD 22-9, AD 22-8RM 21-17). In addition, MMWEC continues to challenge the implementation of the Mystic RMR contract (Docket No. ER 18-1639, EL 23-4) and continues to provide a check on transmission rates by participating in ongoing dockets and litigation related to lowering the transmission tariff rate of return (Docket No. EL 11-66, 13-33, 14-86, 16-64). MMWEC also participates in proceedings that directly impact its generating assets (Docket No. EL 22-42, 23-16).

Mr. Murphy then presented on FERC Order 2222. FERC issued Order No.2222 on September 17, 2020. The order is aimed at removing barriers to the participation of Distributed Energy Resources (DER) in the capacity, energy, and ancillary service markets operated by RTOs and ISOs. The order essentially mandates through eleven directives for RTOs/ISOs to revise and develop their tariff and market rules to allow Distributed Energy Resource Aggregations (DERA) of small scale, distributed energy resources, such as solar panels, energy storage systems, demand response, and other flexible energy assets, to participate in wholesale electricity markets that they are technically capable of participating in. This means that multiple individual DERs can be combined and coordinated as a single entity through an aggregation offering their combined capacity and flexibility to the grid, much like a traditional power plant. Compliance and implementation of the eleven directives have been clarified in subsequently issued Order No. 2222-A and 2222-B refining and clarifying the requirements in the original order. The paramount directive related to municipal light plants is the opt-in clause for utilities with less than 4 million MWH of annual sales. Currently, all MLP members of MMWEC would fall under this 4 million MWH provision, insulating their territories to third-party DERA. However, as the clean energy climate plan and the energy economy progress in transitioning the region's grid, the growth of DER and consumer demand for it will not allow for the long-term interdiction of DERA within MLP territories without the concurrent development and expansion of competitive alternative MLP DER programs. MMWEC is exploring participation as an aggregator in the wholesale market and continuing to develop new and grow existing competitive DER programs such as Connected Homes.

4. Financial Statements (Unaudited) Dated March 31, 2023 (Votes)

Ms. Martucci presented the financial statements. It was moved by Mr. Sollecito, seconded by Ms. Rondeau, and unanimously:

(23-30) VOTED: that the Board of Directors accepts the recommendation of the Treasurer and Director of Financial Reporting & Corporate Technology and hereby accepts the Consolidated Balance Sheet as of March 31, 2023 and the Administrative and General Statement of Revenues & Expenses for the Three Months Ended March 31, 2023, as submitted to and made a part of the permanent records of this meeting.

(23-31) VOTED: that the Board of Directors accepts the recommendation of the Treasurer and Director of Financial Reporting & Corporate Technology and hereby accepts the Review of Actual Power Costs and Statement of Revenues & Expenses for the Nine Months Ended March 31, 2023, for Nuclear Mix No. 1 as submitted to and made a part of the permanent records of this meeting.

(23-32) VOTED: that the Board of Directors accepts the recommendation of the Treasurer and Director of Financial Reporting & Corporate Technology and hereby accepts the Review of Actual Power Costs and Statement of Revenues & Expenses for the Nine Months Ended March 31, 2023, for the Nuclear Project No. 3, as submitted to and made a part of the permanent records of this meeting.

(23-33) VOTED: that the Board of Directors accepts the recommendation of the Treasurer and Director of Financial Reporting & Corporate Technology and hereby accepts the Review of Actual Power Costs and Statement of Revenues & Expenses for the Nine Months Ended March 31, 2023, for the Nuclear Project No. 4, as submitted to and made a part of the permanent records of this meeting.

(23-34) VOTED: that the Board of Directors accepts the recommendation of the Treasurer and Director of Financial Reporting & Corporate Technology and hereby accepts the Review of Actual Power Costs and Statement of Revenues & Expenses for the Nine Months Ended March 31, 2023, for the Nuclear Project No. 5, as submitted to and made a part of the permanent records of this meeting.

(23-35) VOTED: that the Board of Directors accepts the recommendation of the Treasurer and Director of Financial Reporting & Corporate Technology and hereby accepts the Review of Actual Power Costs and Statement of Revenues & Expenses for the Nine Months Ended March 31, 2023, for the Project No. 6, as submitted to and made a part of the permanent records of this meeting.

(23-36) VOTED: that the Board of Directors accepts the recommendation of the Treasurer and Director of Financial Reporting & Corporate Technology and hereby accepts the Review of Actual Power Costs and Statement of Revenues & Expenses for the Nine Months Ended March 31, 2023, for the Stony Brook Peaking Project as submitted to and made a part of the permanent records of this meeting.

(23-37) VOTED: that the Board of Directors accepts the recommendation of the Treasurer and Director of Financial Reporting & Corporate Technology and hereby accepts the Review of Actual Power Costs and Statement of Revenues & Expenses for the Nine Months Ended

March 31, 2023, for the Stony Brook Intermediate Project, as submitted to and made a part of the permanent records of this meeting.

5. Other Business

Mr. Barry and Mr. DeCurzio reminded all in attendance that matters discussed in executive session are strictly confidential and should not be shared with third parties, including in meetings of municipal light plant boards, even when those boards meet in executive session.

There being no further business to conduct, a motion was made by Mr. Sollecito, seconded by Ms. Rondeau, and it was unanimously voted to adjourn the meeting at 12:36 p.m.

A TRUE RECORD

ATTEST: Ryan Barry  
Ryan J. Barry, General Counsel to MMWEC