

FINAL

Pursuant to notice duly given, a meeting of the NEPOOL Participants Committee was held beginning at 10:00 a.m. on Thursday, October 5, 2023, at the Providence Marriott Downtown Hotel, Providence, Rhode Island. A quorum, determined in accordance with the Second Restated NEPOOL Agreement, was present and acting throughout the meeting. Attachment 1 identifies the members, alternates and temporary alternates who participated in the meeting, either in person or by telephone.

Mr. Dave Cavanaugh, Chair, presided, and Mr. Sebastian Lombardi, Secretary, recorded.

APPROVAL OF SEPTEMBER 7, 2023 MEETING MINUTES

Mr. Cavanaugh referred the Committee to the preliminary minutes of the September 7, 2023 meeting, as circulated and posted in advance of the meeting. Following motion duly made and seconded, the preliminary minutes of that meeting were unanimously approved as circulated, with an abstention by Mr. Jon Lamson noted.

CONSENT AGENDA

Mr. Cavanaugh referred the Committee to the Consent Agenda that was circulated and posted in advance of the meeting. Following motion duly made and seconded, the Consent Agenda was approved as circulated, with oppositions by Cross-Sound Cable (CSC) and LIPA, and with abstentions by BP, Calpine, CPV, DTE, Galt Power, the Generation Bridge Companies, HQ US, Mercuria, Nautilus Power, NextEra, Shell, Wheelabrator, and Mr. Lamson. With the exception of Mr. Lamson, all of the representatives indicated that their oppositions or abstentions related to Consent Agenda Items 1 and 2 (FCA18 HQICC Values and Installed Capacity Requirement (ICR) and Related Values (together, the FCA18 Values)). Specifically, the representatives for CSC and LIPA explained that their votes reflected their view that the FCA18

Values did not properly recognize the reliability benefits of the Cross-Sound Cable, including the emergency energy assistance that the CSC had provided and would continue to provide. The Calpine representative noted Calpine's vote reflected its previously conveyed positions objecting to the use of tie benefits (or any non-firm, non-committed external capacity) in the determination of the FCA18 Values. The representative for the Generation Bridge Companies, Nautilus Power and Wheelabrator identified a concern with the tie benefits component of the FCA18 Values, which, although he believed had been calculated properly by the ISO in accordance with the Tariff, nonetheless reflected an unrealistic number in his view, a shortcoming he hoped would be addressed in reforms to be discussed in the coming months.

ISO CEO REPORT

Mr. Gordon van Welie, ISO Chief Executive Officer (CEO), referred the Committee to the summaries of the ISO Board and Board Committee meetings that had occurred since the September 7, 2023 Participants Committee meeting, which had been circulated and posted in advance of the meeting. Mr. van Welie highlighted a report provided to the Board, which included information on a proposed Northeast Gas Study (NE Gas Study) to be undertaken by the Northeast Power Coordinating Council (NPCC), with the assistance of the ISO, New York ISO, NERC, and the Northeast Gas Association. Mr. van Welie said that the NE Gas Study was a response, in part, to the FERC's June 20, 2023 New England Gas-Electric Forum, the recently published NERC/FERC report on Winter Storm Elliott (which he commended to Participants as an interesting read), as well as plans for a NERC/Department of Energy (DOE) study of the gas system nationally. The NE Gas Study would examine the performance of the gas system during extreme weather events under various contingencies and also the modeling of the loss of certain resource types. To stay abreast of the progress and developments related to the NE Gas Study,

he encouraged NEPOOL to invite an NPCC representative to the Participants Committee to periodically provide status reports.

In response to questions, Mr. van Welie clarified that the objective of the NE Gas Study would be, minimally, to analyze (i) the expected dynamic performance of the gas system during at least the first 10-15 years of the clean energy transition (during which increased electric system volatility attributable to a changing resource mix and load growth due to increased electrification was expected), and (ii) the reliability impacts if certain resource types were lost. He encouraged members to think of the clean energy transition in terms of a transition of the energy system, rather than in terms of either of its individual components, given the interconnectedness and interdependence of the electric and gas systems. He estimated that, given the complexities involved, the NE Gas Study would take at least one year to complete. He added that, as he indicated in his recent Congressional testimony, he supported the FERC/NERC recommendation for increased oversight of the gas system, which he believed would facilitate completion of the Study and subsequent dialogue around potential solutions to any issues identified by the Study.

One member asked what would happen if study assumptions underlying the development of the Probabilistic Energy Adequacy Tool (PEAT) framework developed in conjunction with the Electric Power Research Institute (EPRI) were not to play out as expected. Mr. van Welie, emphasizing the benefits, particularly the flexibility, of the PEAT framework in adjusting and analyzing risks as the system evolves, suggested that, should circumstances so dictate, alternative approaches could possibly be developed incrementally. Another member stressed the importance of vetting and ensuring the accuracy of residual gas supply assumptions.

ISO COO REPORT

Operations Report

Dr. Chadalavada began his report first by referring the Committee to his October Operations Report, which had been circulated and posted in advance of the meeting. Dr. Chadalavada noted that the data in the Report was through September 27, 2023, unless otherwise noted. The Report highlighted: (i) Energy Market value for September 2023 was \$324 million, up \$14 million from the updated August 2023 value and down \$368 million from September 2022; (ii) September 2023 average natural gas prices were 18% higher than August average prices; (iii) average Real-Time Hub Locational Marginal Prices (LMPs) for September (\$33.69/MWh) were 17% higher than August averages; (iv) average September 2023 natural gas prices and Real-Time Hub LMPs over the period were down 76% and 45%, respectively, from September 2023 average prices; (v) average Day-Ahead cleared physical energy during peak hours as percent of forecasted load was 100.6% during September (up from the 99.6% reported for August), with the minimum value for the month of 94.9% on September 19; and (vi) Daily Net Commitment Period Compensation (NCPC) payments for September totaled \$3.4 million, which was up \$1.2 million from August 2023 and up \$1.3 million from September 2022. September NCPC payments, which were 1% of total Energy Market value, were comprised of (a) \$3.3 million in first contingency payments (up \$1.5 million from August); (b) no second contingency payments; and (c) \$67,000 in distribution payments (down \$195,000 from August).

Highlighting upcoming planned transmission outages, Dr. Chadalavada noted one outage, on Line 344 (Bridgewater-West Medway), planned for November 6 through November 22, 2023. He expected that outage to create modest exposure for second contingency uplift in the Southeast Massachusetts (SEMA) area. In response to questions, he agreed that the expected second

contingency exposure would likely have been mitigated had the Day-Ahead Ancillary Services (DASI) reforms or a recovery reserve product been in place.

A member asked Dr. Chadalavada to comment on the operational impacts of, and the ISO's readiness for, certain recent developments and trends, including warmer temperatures being experienced for longer periods of time during the later months of the year and increased solar photovoltaic (PV) penetration. Dr. Chadalavada agreed that the risk landscape was shifting and confirmed that the ISO was studying how the grid system would perform under those conditions. He identified an emerging concern related to system performance under low load conditions. Transmission security and reliability studies at that point assumed a low load of as little as 6,500 MW, but system operations had already come close to that level the prior spring, and the ISO was concerned by the possible impacts, including on voltage support, of further shrinking low load levels as a result of further solar PV penetration. With respect to daily operations, Dr. Chadalavada was confident in the Control Room's ability to manage through the operating day. He noted the increase in M/LCC2 (Master/Local Control Center Procedure No. 2) events, but attributed the increased frequency to how the system was being operated -- a combination of increased reliance on the market, rather than on surplus commitment ahead of need, with forced outages being experienced at the most inopportune times (i.e. during the few hours leading up to the peak hour when only fast start resources would be available to be called on, as was the case during recent Tropical Storm Lee). He added that forecasts were for the New England System to be winter peaking by the end of the decade.

In response to a request, Dr. Chadalavada provided an update related to the ISO's efforts with Constellation to minimize the volume and cost of liquefied natural gas (LNG) deliveries under the Mystic Cost of Service Agreement (COSA). Dr. Chadalavada reported that Constellation had indicated that LNG volumes for the second year of the COSA would be

reduced from the volumes initially identified. He indicated that there may be other opportunities for volume reductions through the winter period. In addition, costs were likely to be lower than the previous winter, with the Title Transfer Facility (TTF) index price at roughly \$12-\$14 in per MMBtu (in contrast to \$40-\$45 per MMBtu at the same time the year before). He also expected the spread between the Algonquin Index and the TTF to be much smaller than the previous winter, increasing the chance that Mystic would be called on more often to run in-merit, further reducing costs. The outlook from a cost perspective was much better than the year before.

In response to a question regarding the Inventoried Energy Program (IEP), Dr. Chadalavada confirmed that aggregate values would be shared soon, and the ISO would explore sharing additional aggregate cost data to the extent possible.

A member asked Dr. Chadalavada for additional information regarding the projection in his report for 118 projects (18,330 MWs) of new Battery Storage. Dr. Chadalavada stated that much of the Battery Storage was expected to be of short duration (2-4 hours), widely distributed across the region, and for the most part not connected with solar facilities. He expected some changes to the queue (including potential pairings) following the implementation of *Order 2023* changes, with the impact of those *Order 2023*-related changes to come into focus within six to nine months. He committed to follow-up with more specifics on the related megawatt-hours.

2024 Annual Work Plan

Turning to the ISO's 2024 Annual Work Plan, which had been circulated to members in advance of the meeting and posted with the meeting materials, Dr. Chadalavada prefaced his presentation with a caution that, particularly with respect to the 2024 Work Plan, the need for adjustments not reflected in the Work Plan was even more likely in 2024, identifying as prominent variables the potential for additional FERC directives/regulatory requirements as well as potential adjustments in response to as-yet-to-be-made decisions (likely in the second quarter

of 2024) regarding alternative (prompt/seasonal) Forward Capacity Market (FCM) commitment horizons. With that caveat, he proceeded to review the following anchor projects summarized in the Work Plan presentation: FCM Resource Capacity Accreditation (RCA); Assessing Alternative FCM Commitment Horizons (Prompt/Seasonal); Energy Adequacy Threshold Determination; *Order 2023* Implementation; Extended-Term/Longer-Term Transmission Planning Phase 2; DASI Implementation; and Next Generation Markets (nGem) Real-Time Market Clearing Engine.

With respect to RCA, Dr. Chadalavada reported that, with the pause to correct the software error previously identified coming to an end, the ISO would provide Participants with a refresher in November on the work completed to that point in time, including improvements made to the natural gas accreditation and oil models during the pause, and resume the project schedule from there.

Addressing Alternative FCM Commitment Horizons, Dr. Chadalavada noted that the ISO planned to file a request to delay FCA19 by one year (referred to as Option 2A), making FCA19 a two and one-half year forward market. The ISO hoped to get swift FERC approval on the requested delay so as to provide some stability as to that timing/schedule, while work continues towards a decision on whether to proceed with a prompt capacity auction and whether to restructure capacity commitment periods from annual to seasonal periods. He expected reports from The Analysis Group on those potential alternatives to begin to be issued starting in December.

Turning to the Energy Adequacy Threshold Determination anchor project (previously referred to as the operational impacts of extreme weather study), Dr. Chadalavada explained that the PEAT framework that had been developed would be used to establish a Regional Energy Shortfall Threshold (REST), which would start with a scoping discussion at the end of 2023,

with Energy shortfall defined by what mitigating actions are feasible to protect against an energy shortfall and not by load shedding. He confirmed plans to run periodic assessments with PEAT, given changing conditions. He also stated that REST would not only support efforts towards a clean energy transition, but would also support market product design.

Regarding *Order 2023* Compliance and Implementation, where work was actively underway, aggressive timelines to respond to the Order, as well as the work needed to conform planning and operating protocols to *Order 2023* and to ensure cluster studies are initiated and work begins in accordance with *Order 2023*, would keep folks busy through at least the end of 2024. As for Extended-Term Transmission Planning Phase 2, which would begin in November, efforts would focus on making longer-term planning studies actionable (identifying primary criteria to prioritize results, and how to solicit solutions, quantify benefits and allocate costs). The plan was to make a filing in the second quarter of 2024.

With respect to the last two anchor projects, DASI, which was expected to be filed by the end of October, had an aggressive 12 to 15-month implementation plan. Dr. Chadalavada noted that implementation in that timeframe would far exceed the speed with which past projects of similar magnitude had been implemented. He attributed DASI's rapid implementation in part to the nGEM platform, which in 2024 would also be brought into the ISO's Real-Time systems.

Members then commented and asked questions on the 2024 Work Plan. One member suggested the ISO consider, as part of the identified projects and initiatives, the establishment of a reliability requirement that would create demand that the pipeline and LNG industries might organize to supply, ensuring that the resources needed would be either retained or procured, with attendant benefits to customers and regional reliability. Dr. Chadalavada answered that, directionally, RCA would help, as could longer durational reserves. Discussion regarding REST would likewise provide an opportunity to ultimately move the needle towards establishing

products and services with the necessary rents and revenues for resources to take on the needed obligations. Mr. van Welie added that the region would have to come to terms with the challenge, on both the electric and gas sides, of fixed cost recovery for very low capacity factor infrastructure needed to support the clean energy transition. Other regions were struggling with that very challenge. He agreed that, directionally, generators would be incented to find ways to firm up their fuel supply to a point, but was skeptical that gas-fired generators would ever find it rational to take long-term firm transportation on a pipeline. Mr. van Welie predicted significant policy and regulatory work ahead to address this challenge.

In response to a member's question, Dr. Chadalavada stated that the ISO would issue by the end of the year a scope of work for REST, which would identify the steps necessary to complete that project. Involvement of the NEPOOL Participants and the New England States would be crucial to the success of the project. He acknowledged and emphasized the need to better optimize opportunities for existing infrastructure/resources. In addition, referring to previous requests from that member related to nGem, Dr. Chadalavada committed to include slides in his December Operations Report (and to consider a broader ISO seminar) on nGem-related enhancements.

Dr. Chadalavada clarified the meaning of 'storage modeling market enhancements', stating that adding storage modeling into Real-Time clearing and dispatch was not part of any current scoping effort, but nonetheless something that the ISO had to do. He added that expectations were that storage's biggest impact would be in Real-Time and not in clearing Day-Ahead.

The ISO also needed also to further assess how market signals or pricing works, both Day-Ahead and in Real-Time, in times of energy shortage. Pricing had been designed to account for energy scarcity, but not shortages. Mr. Matt White, the ISO's Chief Economist and Vice

President of Market Development and Settlements, added that the scope of the assessment was intended to be narrow, focused on what would or should energy market pricing or LMPs be in the case of a controlled load shedding state, particularly in the absence of explicit Tariff provisions governing that scenario in Real-Time. He explained why the assessment did not implicate Reserve-Constraint Penalty Factors (RCPF) or Pay-for-Performance (PFP) penalties, and stated that a fair amount of time-intensive testing and modeling would be required before the ISO would be in a position to propose a specific recommendation or direction on this topic.

Dr. Chadalavada described the sense of urgency motivating the ISO develop and implement some version of seasonal markets prior to the projected transition to a winter peaking system at the end of the decade. FCA18 would be run in a few months, locking in capacity arrangements through 2028. The scope of work associated with those efforts would be extensive and, should the ISO proceed down that path, the efforts would require significant planning and markets resources. He thanked members for their questions, comments, and feedback, to which he committed to respond.

Concluding the discussion, Mr. Cavanaugh acknowledged and thanked the members and the Committee Officers in particular, for their dedicated efforts in working together to establish NEPOOL's priorities over the last two years, and thanked ISO staff, including Ms. Allison DiGrande and her Participant Relations and Services team, as well as the Markets Development team, for their willingness and efforts to evaluate and provide feedback on NEPOOL's preliminary set of priority items identified via Sector deliberations before the NEPOOL-wide list of key priorities for 2024 were finalized. He said it was rewarding to see the coordinated efforts bear fruit, particularly with the efforts integrated with the ISO's Annual Work Plan, which incorporated more than just NEPOOL's top three priorities.

2024 ISO AND NESCOE BUDGETS

2024 ISO Budgets

Mr. Tom Kaslow, Budget & Finance Subcommittee Chair, referred the Committee to the materials circulated in advance of the meeting related to the proposed 2024 ISO Capital and Operating Budgets (ISO Budgets). He summarized the process followed to review the ISO Budgets with members and state officials, and noted that there had been no concerns of note raised by Participants during the Subcommittee's review process.

The following motion was duly made and seconded:

RESOLVED, that the Participants Committee supports the Year 2024 operating budget and capital budget proposed by the ISO as presented at this meeting.

In comments, End User representatives expressed their appreciation to the ISO for incorporating comments made on the Budgets, including the incorporation of a placeholder for an environmental and community affairs position, but also expressed concern with the steep increase in the ISO's 2024 Budgets and the sustainability of similar increases in the future.

The motion to support the ISIO's 2024 Budgets was then voted and approved, with oppositions recorded for the NH OCA, Maine OPA, and Littleton (NH) Water & Light, and abstentions for the CT OCC, CSC, IECG, Mr. Lamson, LIPA, Maine Skiing,¹ MA AG, the RI Division, and VEC.

2024 NESCOE Budget

Mr. Kaslow then referred the Committee to the NESCOE budget materials posted in advance of the meeting. He stated that the 2024 NESCOE Budget had been reviewed, without objection or concern, by the Budget & Finance Subcommittee at its August 11 meeting and the

¹ The representative for the Industrial Energy Consumer Group (IECG) and Maine Skiing, Inc. (Maine Skiing), who was participating by phone but whose votes on the 2024 ISO and NESCOE Budgets were not communicated during the meeting, requested after the meeting that, on each those votes, each of IECG and Maine Skiing be identified as abstaining.

2024 NESCOE Budget conformed to the 5-year budget framework supported by the Participants Committee and accepted by the FERC the year before.

Without discussion, the following motion was duly made, seconded, and approved unanimously, with abstentions recorded for IECG, Maine Skiing¹ and Mr. Lamson:

RESOLVED, that the Participants Committee supports the 2024 NESCOE budget, as proposed by NESCOE at this meeting, as the Year 2024 operating budget for NESCOE.

LITIGATION REPORT

Mr. Lombardi referred the Committee to the October 3 Litigation Report that had been circulated and posted the day before the meeting. He highlighted the following developments:

- (i) *Brookfield Complaint Regarding IEP Exclusion of Pumped Storage ESFs (EL23-89)*. The FERC granted Brookfield's complaint on September 21, 2023, directing the ISO to revise the Tariff to allow pumped storage resources to participate as Electric Storage Facilities (ESFs) in the Inventoried Energy Program (IEP). He reported that those Tariff revisions would be reviewed by the Markets Committee (MC) the following week and voted by the Participants Committee in November.
- (ii) *Order 2023: Generation Interconnection Reforms (RM22-14)*. NEPOOL requested a 45-day extension of time, to January 19, 2024, for the submission of New England's compliance filing. The extension was requested to permit time for additional Technical Committee meetings and action by the Participants Committee at its regularly-scheduled January meeting. The request was pending before the FERC.
- (iii) *ACPA Petition for Resource Capacity Accreditation Technical Conference (AD23-10)*. Mr. Lombardi reported that, in response to the request by the American Clean Power Association (ACPA) for a technical conference to explore

ways to improve the accreditation of resources' capacity, a number of comments had been submitted, including comments by the ISO/RTO Council (IRC) that did not support the request (suggesting that the topic was not well-suited for a national forum in light of regional variation on resource adequacy-related matters).

Mr. Lombardi then raised for the Committee some of the potential impacts of a federal government shutdown, which had been temporarily averted at the end of September, but that remained a possibility when the 45-day continuing resolution that moved Congress' deadline for completing work on fiscal year 2024 appropriations was scheduled to expire on November 17. He explained that a federal government shutdown could impact the FERC and its ability to do its work. During the last shutdown (winter 2018-2019), which lasted for 35 days, the FERC was able to use surplus funds to continue its operations (including accepting and ruling on filings). He cautioned that it was not certain whether, or if so the scope of, surplus funds that may be available to the FERC to continue operations should shutdown occur after November 17. If FERC operations were unable to continue, he speculated, the acceptance of filings and upcoming compliance deadlines may be delayed until operations re-commenced; previously submitted filings subject to statutory deadlines (e.g. Federal Power Act Section 205 filings requiring FERC action within 60 days) that would occur during any such shutdown would become effective by operation of law.

COMMITTEE REPORTS

Markets Committee. Mr. William Fowler, the MC Vice-Chair, reported that the MC had a two-day meeting in Westborough, MA the following week. Items to be considered included updates to the Net Cost of New Entry for FCA19, proposed changes to energy market upward

mitigation, a number of proposed Generation Information System (GIS) changes, Tariff revisions in response to the FERC order granting the Brookfield IEP Complaint, and the RCA subject.

Transmission Committee (TC). Mr. Dave Burnham, the TC Vice-Chair, reported that the next TC meeting was scheduled for October 17, also in Westborough. The main item to be considered was *Order 2023* Compliance and there would also be a presentation by the ISO regarding the second phase of the Extended-Term Transmission Planning.

Reliability Committee (RC). Mr. Robert Stein, the RC Vice-Chair, reported that the next regularly-scheduled RC meeting was scheduled for October 24.

Budget & Finance (B&F) Subcommittee. Mr. Kaslow reported that the next B&F Subcommittee meeting was scheduled for October 10. The October 10 meeting would include some general reporting. Proposed changes related to financial assurance associated with PFP would be considered at an additional B&F meeting to be held on October 30.

Membership Subcommittee. Ms. Sarah Bresolin, Membership Subcommittee Chair, reported that the next Subcommittee meeting was scheduled for October 13 at 1:00 p.m. Mr. Cavanaugh announced that Ms. Bresolin would be stepping down as Subcommittee Chair after five years of service. On behalf of the Participants, he thanked her for her time as Subcommittee Chair. He then introduced Ms. Ashley Gagnon as the new Subcommittee Chair and wished her well in that role.

ADMINISTRATIVE MATTERS

Mr. Cavanaugh then introduced Ms. Anne George, ISO Vice President, Chief External Affairs and Communications Officer, who addressed the ISO's open Board meeting and Regional System Plan (RSP 2023) public meeting scheduled to be held at the Seaport Hotel in Boston on November 1. She stated that in-person attendance would be limited and registration

for that meeting, both in person and virtual, was open and accessible via the ISO's on-line calendar.

Mr. Lombardi reminded the Committee that the next Participants Committee meeting would be held November 2, 2023 also at the Seaport Hotel in Boston, with Mr. Cavanaugh reminding Participants that materials for the modified Sector meetings with the ISO Board and State representatives to be held prior to general business on November 2 were to be submitted no later than October 13. Looking beyond November, Mr. Lombardi noted that the December Annual Meeting of the Participants Committee was scheduled for December 7, 2023 at the Colonnade Hotel in Boston.

There being no other business, the meeting adjourned at 12:24 p.m.

Respectfully submitted,

Sebastian Lombardi, Secretary

**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES
PARTICIPATING IN OCTOBER 5, 2023 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
Advanced Energy Economy	Associate Non-Voting		Alex Lawton	
AR Small Load Response (LR) Group Member	AR-LR	Amaani Hamid (tel)		
Ashburnham Municipal Light Plant	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Associated Industries of Massachusetts (AIM)	End User	Robert Ruddock		Mary Smith (tel)
AVANGRID: CMP/UI	Transmission	Alan Trotta (tel)	Jason Rauch	Zach Teti (tel)
Bath Iron Works Corporation	End User			Bill Short (tel)
Belmont Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
Block Island Utility District	Publicly Owned Entity	Dave Cavanaugh		
Boylston Municipal Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
BP Energy Company (BP)	Supplier			José Rotger
Braintree Electric Light Department	Publicly Owned Entity		Dave Cavanaugh	
Brookfield Renewable Trading and Marketing	Supplier	Aleks Mitreski		
Castleton Commodities Merchant Trading	Supplier			Bob Stein
Chester Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
Chicopee Municipal Lighting Plant	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
CleaResult Consulting, Inc.	AR-DG	Tamera Oldfield (tel)		
Clearway Power Marketing LLC	Supplier			Pete Fuller (tel)
Concord Municipal Light Plant	Publicly Owned Entity		Dave Cavanaugh	
Connecticut Municipal Electric Energy Coop.	Publicly Owned Entity	Brian Forshaw (tel)		
Connecticut Office of Consumer Counsel	End User		J.R. Viglione (tel)	Jason Frost
Conservation Law Foundation (CLF)	End User	Phelps Turner (tel)		
Constellation Energy Generation	Supplier	Gretchen Fuhr	Bill Fowler	
CPV Towantic, LLC (CPV)	Generation	Joel Gordon (tel)		
Cross-Sound Cable Company (CSC)	Supplier		José Rotger	
Danvers Electric Division	Publicly Owned Entity		Dave Cavanaugh	
Dominion Energy Generation Marketing	Generation	Wes Walker (tel)		
DTE Energy Trading, Inc.	Supplier			José Rotger
Durgin and Crowell Lumber Co., Inc.	End User			Bill Short (tel)
Dynegy Marketing and Trade, LLC	Supplier	Andy Weinstein (tel)		Bill Fowler
ECP Companies Calpine Energy Services, LP (Calpine) New Leaf Energy	Generation	Brett Kruse Liz Delaney (tel)	Andy Gillespie	Bill Fowler
EDF Trading North America	Supplier	Eric Osborn (tel)		
Elektrisola, Inc.	End User			Bill Short (tel)
Emera Energy Services	Supplier			Bill Fowler
Enel X North America, Inc.	AR-LR	Alex Worsley (tel)		
ENGIE Energy Marketing NA, Inc.	AR-RG	Sarah Bresolin		
Eversource Energy	Transmission	James Daly	Dave Burnham (tel)	Vandan Divatia
Environmental Defense Fund	End User	Jolette Westbrook (tel)		
FirstLight Power Management, LLC	Generation	Tom Kaslow		
Galt Power, Inc. (Galt)	Supplier	José Rotger	Jeff Iafrati (tel)	
Garland Manufacturing Company	End User			Bill Short (tel)
Generation Bridge Companies	Generation	Bill Fowler		
Generation Group Member	Generation	Dennis Duffy	Abby Krich (tel)	
Georgetown Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
Groton Electric Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Groveland Electric Light Department	Publicly Owned Entity		Dave Cavanaugh	
H.Q. Energy Services (U.S.) Inc. (HQ US)	AR-RG	Louis Guilbault (tel)	Bob Stein	
Hammond Lumber Company	End User			Bill Short (tel)
Harvard Dedicated Energy Limited	End User			Jason Frost

**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES
PARTICIPATING IN OCTOBER 5, 2023 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
High Liner Foods (USA) Incorporated	End User		William P. Short III (tel)	
Hingham Municipal Lighting Plant	Publicly Owned Entity		Dave Cavanaugh	
Holden Municipal Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Holyoke Gas & Electric Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Hull Municipal Lighting Plant	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Icetek Energy Services, Inc.	AR-LR	Doug Hurley		
Industrial Energy Consumer Group (IECG)	End User	Dan Collins (tel)		
Interconnect Storage LLC	Provisional Group		Colleen Nash (tel)	
Ipswich Municipal Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Jericho Power LLC (Jericho)	AR-RG	Ben Griffiths		
Lamson, Jon	End User	Jon Lamson (tel)		
Littleton (MA) Electric Light and Water Department	Publicly Owned Entity		Dave Cavanaugh	
Littleton (NH) Water & Light Department	Publicly Owned Entity		Craig Kieny (tel)	
Long Island Power Authority (LIPA)	Supplier	Bill Kilgoar (tel)		José Rotger
Maine Power LLC	Supplier	Jeff Jones (tel)		
Maine Public Advocate's Office	End User	Drew Landry		
Maine Skiing, Inc.	End User	Dan Collins (tel)		
Mansfield Municipal Electric Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Maple Energy LLC	AR-LR			Doug Hurley
Marblehead Municipal Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Mass. Attorney General's Office (MA AG)	End User	Ashley Gagnon	Jamie Donovan (tel)	Tina Belew (tel)
Mass. Bay Transportation Authority	Publicly Owned Entity		Dave Cavanaugh	
Mass. Municipal Wholesale Electric Company	Publicly Owned Entity	Matt Ide (tel)	Dan Murphy	
Mercuria Energy America, LLC	Supplier			José Rotger
Merrimac Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
Middleborough Gas & Electric Department	Publicly Owned Entity		Dave Cavanaugh	
Middleton Municipal Electric Department	Publicly Owned Entity		Dave Cavanaugh	
Moore Company	End User			Bill Short (tel)
Narragansett Electric Co. (d/b/a RI Energy)	Transmission	Brian Thomson (tel)	Lindsay Orphanides (tel)	
Nautilus Power, LLC	Generation		Bill Fowler	
New Hampshire Electric Cooperative	Publicly Owned Entity	Steve Kaminski (tel)		Brian Forshaw (tel)
New Hampshire Office of Consumer Advocate	End User		Jason Frost	
New England Power (d/b/a National Grid)	Transmission		Tim Martin (tel)	
New England Power Generators Assoc. (NEPGA)	Associate Non-Voting	Bruce Anderson	Dan Dolan (tel)	
NextEra Energy Resources, LLC	Generation	Michelle Gardner	Nick Hutchings	
North Attleborough Electric Department	Publicly Owned Entity		Dave Cavanaugh	
Norwood Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
NRG Power Marketing LLC	Supplier		Pete Fuller (tel)	
Nylon Corporation of America	End User			Bill Short (tel)
Pascoag Utility District	Publicly Owned Entity		Dave Cavanaugh	
Paxton Municipal Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Peabody Municipal Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
PowerOptions, Inc.	End User			Jason Frost
Princeton Municipal Light Department	Publicly Owned Entity	Matt Ide (tel)		
Reading Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
RI Division (DPUC)	End User	Paul Roberti		
Rowley Municipal Lighting Plant	Publicly Owned Entity		Dave Cavanaugh	
Russell Municipal Light Dept.	Publicly Owned Entity	Matt Ide (tel)		
Saint Anselm College	End User			Bill Short (tel)

**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES
PARTICIPATING IN OCTOBER 5, 2023 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
Shell Energy North America (US), L.P.	Supplier	Jeff Dannels		
Shipyards Brewing LLC	End User			Bill Short (tel)
Shrewsbury Electric & Cable Operations	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
South Hadley Electric Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Sterling Municipal Electric Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Stowe Electric Department	Publicly Owned Entity		Dave Cavanaugh	
Sunrun Inc.	AR-DG			Peter Fuller (tel)
Tangent Energy	AR-LR	Brad Swalwell (tel)		
Taunton Municipal Lighting Plant	Publicly Owned Entity		Dave Cavanaugh	
Templeton Municipal Lighting Plant	Publicly Owned Entity	Matt Ide (tel)		Dan Murphy
The Energy Consortium	End User		Mary Smith (tel)	
Union of Concerned Scientists	End User		Francis Pullaro	
Vermont Electric Cooperative (VEC)	Publicly Owned Entity	Craig Kieny (tel)		
Vermont Electric Power Company (VELCO)	Transmission	Frank Etori		
Vermont Energy Investment Corp (VEIC)	AR-LR			Jason Frost
Vermont Public Power Supply Authority	Publicly Owned Entity			Brian Forshaw (tel)
Versant Power	Transmission	Dave Norman (tel)		
Village of Hyde Park (VT) Electric Department	Publicly Owned Entity	Dave Cavanaugh		
Wakefield Municipal Gas & Light Department	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Walden Renewables Development LLC	Generation			Abby Krich (tel)
Wallingford DPU Electric Division	Publicly Owned Entity		Dave Cavanaugh	
Wellesley Municipal Light Plant	Publicly Owned Entity		Dave Cavanaugh	
West Boylston Municipal Lighting Plant	Publicly Owned Entity		Matt Ide (tel)	Dan Murphy
Westfield Gas & Electric Department	Publicly Owned Entity		Dave Cavanaugh	
Wheelabrator North Andover Inc.	AR-RG		Bill Fowler	
Z-TECH LLC	End User			Bill Short (tel)