

**FINAL**

Pursuant to notice duly given, a meeting of the NEPOOL Participants Committee was held virtually beginning at 10:00 a.m. on Thursday, March 3, 2022. 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.

Mr. David Cavanaugh, Chair, presided, and Mr. David Doot, Secretary, recorded.

**APPROVAL OF FEBRUARY 3, 2022 MEETING MINUTES**

Mr. Cavanaugh referred the Committee to the preliminary minutes of the February 3, 2022 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. Sam Mintz 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 unanimously approved as circulated, with an abstention by Mr. Mintz noted.

**ISO CEO REPORT**

In the absence of the ISO Chief Executive Officer (CEO), Dr. Vamsi Chadalavada, ISO Chief Operating Officer (COO), referred the Committee to the summary of the ISO Board and Board Committee meetings that had occurred since the February 3, 2022 Participants Committee meeting, which had been circulated and posted in advance of the meeting. When asked about 2021 corporate performance as compared to previous years, particularly given the challenges of

the pandemic, Dr. Vamsi Chadalavada noted that performance was consistent with prior years. There were no other questions or comments.

## **ISO COO REPORT**

Dr. Chadalavada began by referring the Committee to the March COO report, which had been circulated and posted in advance of the meeting. Dr. Chadalavada noted that the data in the report was through February 23, 2022, unless otherwise noted. The report highlighted: (i) Energy Market value for February 2022 was \$960 million, down \$829 million from the updated January 2022 value (which he noted, at \$1.8 billion, was the second highest monthly Energy Market value, second only to the \$2.2 billion value in January 2014) and up \$200 million from February 2021; (ii) February 2022 average natural gas prices were 35% lower than January average prices; (iii) average Real-Time Hub Locational Marginal Prices (LMPs) for February (\$108/MWh) were 27% lower than January averages; (iv) average February 2022 natural gas prices and Real-Time Hub LMPs over the period were up 52% and 51%, respectively, from February 2021 average prices; (v) average Day-Ahead cleared physical energy during peak hours as a percent of forecasted load was 99.2% during February (up from the 98.8% reported for January), with the minimum value for the month, 97.1%, on February 10; and (vi) Daily Net Commitment Period Compensation (NCPC) payments for February totaled \$3.4 million, which was down \$1 million from January 2022 and up \$0.7 million from February 2021. February NCPC payments, which were 0.4% of total Energy Market value, were comprised of \$3.2 million in first contingency payments (down \$1.1 million from January 2022) and \$188,000 in second contingency payments.

Discussing the status of transmission outages in the region, Dr. Chadalavada noted that repositioning of the maintenance outage for line 312/393 (Northfield to Berkshire/Berkshire to Alps), which had been expected to occur late in 2021 or early in the winter of 2021/22, would

take place from March 1 to March 27, 2022. He noted that this outage would limit transfers from New York to New England by approximately 600-800 MW and from New England to New York by approximately 800 MW. Additionally, line NY-2-AN (Alps to New Scotland) in New York would be out of service from March 8 to June 24. The line was on NPCC's list of infrastructure that impacts transfers between New York and New England and work on that line was expected to limit transfers from New England to New York (exports) to 700 MW during April and to 500 MW during May and June. He confirmed in response to a question that no outage was planned to occur during March for line 354 (Northfield to Ludlow).

Dr. Chadalavada then shared highlights on weather, gas prices, and liquefied natural gas (LNG) injections, noting that February's average temperature was approximately 2°F warmer than normal, which correspondingly decreased demand from normal. He indicated that the days with colder temperatures generally coincided with natural gas prices rising above \$20/MMBtu. The scheduled LNG sendout was approximately 3.8 Bcf for the month. He clarified in response to a question that LNG sendout had been received at three injection sites and that detailed information about LNG usage from December through February would be included in the report on winter operations, which he expected to be issued in April.

In response to final questions from members, Dr. Chadalavada confirmed that total oil burn statistics and usage of opportunity cost as an input to the energy market offers would be included in the April winter operations report. He further noted in response to a question that the fuel security impact of the Jones Act (which requires that all vessels carrying goods like LNG between two U.S. points be American-built, -owned, -crewed and -flagged) was a topic of discussion between the ISO and the FERC and with other regulators.

**CPV'S PROPOSAL TO CHANGE NON-COMMERCIAL CAPACITY RESOURCES' FCM FINANCIAL ASSURANCE REQUIREMENTS**

Mr. Cavanaugh introduced this topic noting that, if no one objected, and subject to the proponent's confirmation, this matter from Competitive Power Ventures (CPV) would be postponed for consideration by the Participants Committee until after further consideration of the changes, in response to recently-expressed concerns with the proposal, at the appropriate Technical Committee(s) and Subcommittee(s). He then turned to the CPV representative for confirmation and explanation.

The CPV representative summarized the proposal, which had been circulated and posted in advance of the meeting. He explained that the proposal was needed to address deficiencies in the incentives for Non-Commercial Capacity resources. He referred to concerns with the proposal that were raised by RENEW Northeast (RENEW) in materials circulated to the Committee for this meeting. He indicated that CPV appreciated the feedback and was working to address that feedback to provide desired clarity and to address structural concerns with the potential impact of the proposal on non-commercial solar capacity resources. He committed to revise and to improve the proposal in order to gain additional support for changes to address deficiencies identified by CPV with incentives in the FCM for Non-Commercial Capacity to meet their obligations to provide capacity when scheduled.

Following the CPV presentation, Mr. Cavanaugh asked whether any member wished to advance this matter for action ahead of further consultation and adjustment. No motion to act on this item was made and Committee consideration of the matter was postponed until after changes to the proposal were further reviewed at appropriate Technical Committee and Subcommittee meetings.

## **ISO'S FEBRUARY 15 EXIGENT CIRCUMSTANCES FILING**

Referring to the materials circulated in advance of the meeting, Mr. Cavanaugh explained that the last discussion item of the day was to consider NEPOOL's position in response to the ISO's February 15 Exigent Circumstances filing (Exigent Circumstances Filing) made in response to ongoing litigation concerning the Capacity Supply Obligation (CSO) of the Killingly Energy Center (Killingly). He turned to the ISO for an update on developments since that filing.

Dr. Chadalavada asked Ms. Margo Caley, ISO Senior Regulatory Counsel, to provide an update on the issues associated with the ISO's filing and the related litigation over the Killingly project. Ms. Caley explained that the Exigent Circumstances Filing had been prompted by an emergency stay (Stay) issued by the U.S. Circuit Court of Appeals for the D.C. Circuit (DC Circuit) of the FERC's order approving the termination of Killingly's CSO. She noted the FERC's order on rehearing and the DC Circuit's recent dissolution of the Stay, explaining that the ISO planned to promptly submit the FCA16 results to the FERC and to finalize the schedule for FCA17 soon thereafter. The ISO confirmed that it would issue a press release concerning the results of FCA16, similar to how it had handled the release of results from prior capacity auctions.

In response to a member's question, Ms. Caley indicated an expectation that Financial Assurance from Killingly would be returned to load beginning in June 2022, which the ISO would subsequently confirm through Settlements. Further, she reported there had not yet been any additional pleadings from the Killingly developer since the DC Circuit's order dissolving the Stay.

Mr. Alex Rost, ISO Resource Qualification Manager, then presented a draft of the ISO's proposed modified schedule of dates, date ranges and deadlines for FCA17. NEPOOL members inquired whether the proposed modified FCA17 schedule could be compressed to permit a

February 2023 auction. Mr. Rost noted that the number of Show of Interest applications had increased markedly in recent years, making it difficult to compress the FCA17 schedule. Members also expressed concern with the Exigent Circumstances Filing's request for wide latitude for the ISO to unilaterally modify the FCA17 schedule. The ISO committed to the Participants Committee that the March 8, 2022 Markets Committee (MC) meeting would serve as another feedback session to discuss the proposed modified FCA17 schedule. The ISO also assured stakeholders that it would provide reasonable notice and opportunity for NEPOOL to provide input in the event the ISO determined the FCA17 schedule required additional modifications. In addition, the ISO confirmed that its proposed Tariff revision that was the subject of the Exigent Circumstances Filing did not implicate any substantive provisions for the conduct or clearing of the auction.

In response to questions, the ISO confirmed that the modified FCA17 schedule assumed that the two-year phase-out of the Minimum Offer Price Rule (MOPR), with exemptions for State-Sponsored Policy Resources during FCA17 and FCA18, would be used. Further, as noted in its Exigent Circumstances Filing, the FCA18 schedule would need to be compressed to end up with a February 2024 auction date. The ISO confirmed its plans, as it had noted in the Exigent Circumstances Filing, that any modifications to the FCA18 schedule would go through the Participant Processes prior to finalizing the schedule.

Mr. Sebastian Lombardi, NEPOOL Counsel, then discussed the NEPOOL process for considering the Exigent Circumstances Filing, referring to the NEPOOL Counsel memorandum that was circulated and posted in advance of the meeting. He invited members to provide any additional comments on the Filing that they wanted to be included in NEPOOL's submission in the pending FERC proceeding. Regarding the process, those who offered comments agreed that, under the particular circumstances concerning Killingly, the ISO appropriately relied on the

Participants Agreement's Exigent Circumstances provision. No member expressed any objection with the ISO submitting the Exigent Circumstances Filing prior to a full review with NEPOOL.

Focusing on whether the Committee needed to take formal action on the filing, Mr. Lombardi noted the history of NEPOOL's responses to exigent circumstance filings in years past. He explained that, for prior filings concerning narrowly tailored, very limited duration rule changes, the Committee had discussed the filing and reflected that discussion in comments to the FERC without taking formal action. He confirmed that, if the Committee wished to take formal action on the filing at this meeting, the necessary notice, background material and form of resolution had been circulated for that to occur.

The Chair asked whether any member wished to take formal action on the filing in light of the discussion at the meeting. No member offered a motion. This matter was concluded with a statement that NEPOOL counsel would work with the officers to reflect the discussion at the meeting in NEPOOL's comments to the FERC.

## **LITIGATION REPORT**

Mr. Doot referred the Committee to the March 2 Litigation Report that had been circulated and posted the day before the meeting. Noting that the Committee already previously discussed litigation resulting from the ISO's termination of Killingly's CSO and its impact on upcoming auctions, he highlighted the following additional litigation-related developments since the February 1 Report had been circulated:

(i) The FERC's acceptance of Attachment K Planning Changes (which provided an additional option for the New England states to further their energy policy goals) and adjustments to planning provisions developed following Order 1000 "lessons learned";

- (ii) The FERC notice extending the comment date on the region's Order 2222 compliance filing to April 1, 2022;
- (iii) The FERC's acceptance of the filing to address behind-the-meter calculations for Network Load, which had previously been the subject of two deficiency letters;
- (iv) Multiple pleadings in the previously-reported litigation concerning the waiver request by South Wrentham regarding closure of its availability window for participation in FCA17; and
- (v) The complaint by the Northern Maine Independent System Administrator against the Participating Transmission Owners Administrative Committee regarding charges assessed for Through and Out Service to and from Northern Maine.

## COMMITTEE REPORTS

**Markets Committee.** Mr. William Fowler, the MC Vice-Chair, reported that the MC would hold a one-day meeting virtually on March 8 and the meeting's agenda would include a presentation on CPV's update to its proposed financial assurance changes as well as FCM schedule items.

**Transmission Committee (TC).** Mr. José Rotger, the TC Vice-Chair, reported that the next TC meeting was scheduled for March 23 and would include a discussion of the ISO's FERC Order 881 compliance filing, the ambient air adjustment on transmission line ratings, and a vote on the ISO's Order 676-J compliance filing. He urged members to respond to the Survey Monkey attendance survey request regarding planned attendance so that the TC officers could make a determination as to whether to provide for in-person participation for that meeting.

**Reliability Committee (RC).** Mr. Robert Stein, the RC Vice-Chair, reported that the next regularly-scheduled RC meeting was scheduled for March 15, with the venue (in-person or virtual-only) still under evaluation. He also urged members to indicate their plans for

participation by responding to the Survey Monkey attendance survey that had been circulated to TC members.

***Budget & Finance (B&F) Subcommittee.*** Mr. Thomas Kaslow reported that the next B&F Subcommittee meeting was scheduled for March 29 and would include a discussion on the CPV financial assurance proposal, as discussed earlier in the meeting.

***Joint Nominating Committee (JNC).*** Mr. Cavanaugh reported that the JNC had met on January 7 and had been working with Russel Reynolds Associates to define the specifications for the Board position open in 2022. The JNC was scheduled to meet the following day to review potential candidates for interview, and to conduct in-person interviews on March 24. He added that he was working with Board Chair, Ms. Cheryl LaFleur, who was concluding her first term and eligible for re-election, to finalize a date for her to join the Participants Committee to provide an overview of her background and the activities she has undertaken during her first term as a member of the ISO Board of Directors.

## **ADMINISTRATIVE MATTERS**

Mr. Cavanaugh highlighted the importance of Participants' responses to the Survey Monkey attendance surveys and encouraged in-person attendance at Principal Committee meetings. He noted that the next Future Grid Pathways Study Meeting was scheduled to take place on April 26 and would include a review of the Analysis Group's final report. Submission of written feedback on the draft report was requested by close of business on March 15 and was to be sent to Mr. Chris Geissler at the ISO and Mr. Lombardi. A reminder regarding the submission of written feedback, including contact information for its submission, would be circulated following the meeting.

Mr. Doot reported that the next Participants Committee Meeting was scheduled as an in-person meeting on April 7 at the Seaport Hotel in Boston. He reminded the Committee that the

Participants Committee Summer Meeting would take place in person at the Samoset, in Rockport, Maine, on June 21-23.

There being no other business, the meeting adjourned at 12:34 p.m.

Respectfully submitted,

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David Doot, Secretary

**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES  
PARTICIPATING IN MARCH 3, 2022 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
Acadia Center	End User	Melissa Birchard		
Advanced Energy Economy (AEE)	Associate Non-Voting	Caitlin Marquis		
AR Large Renewable Gen. (RG) Group Member	AR-RG	Alex Worsley		
AR Small Load Response (LR) Group Member	AR-LR	Brad Swalwell		
AR Small Renew. Generation (RG) Group Member	AR-RG	Erik Abend		
Ashburnham Municipal Light Plant	Publicly Owned Entity		Brian Thomson	
Associated Industries of Massachusetts (AIM)	End User			Mary Smith
AVANGRID: CMP/UI	Transmission	Alan Trotta	Jason Rauch	
Bath Iron Works Corporation	End User			Bill Short
Belmont Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
Block Island Utility District	Publicly Owned Entity	Dave Cavanaugh		
Borrego Solar Systems Inc.	AR-DG	Liz Delaney		
Boylston Municipal Light Department	Publicly Owned Entity		Brian Thomson	
BP Energy Company	Supplier			José Rotger
Braintree Electric Light Department	Publicly Owned Entity		Dave Cavanaugh	
Brookfield Renewable Trading and Marketing	Supplier	Aleks Mitreski		
Calpine Energy Services, LP	Supplier	Brett Kruse		Bill Fowler; John Flumerfelt
Castleton Commodities Merchant Trading	Supplier			Bob Stein
Central Rivers Power	AR-RG		Dan Allegretti	
Chester Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
Chicopee Municipal Lighting Plant	Publicly Owned Entity		Brian Thomson	
CleaResult Consulting, Inc.	AR-DG	Tamera Oldfield		
Clearway Power Marketing LLC	Supplier			Pete Fuller
Competitive Energy Services, LLC	Supplier		Eben Perkins	
Concord Municipal Light Plant	Publicly Owned Entity		Dave Cavanaugh	
Connecticut Municipal Electric Energy Coop.	Publicly Owned Entity	Brian Forshaw		
Connecticut Office of Consumer Counsel	End User		Dave Thompson	
Conservation Law Foundation (CLF)	End User		Priya Gandbnir	
Consolidated Edison Energy, Inc.	Supplier	Grant Flagler		
Constellation Energy Generation	Supplier	Steve Kirk	Bill Fowler	
CPV Towantic, LLC	Generation	Joel Gordon		
Cross-Sound Cable Company (CSC)	Supplier		José Rotger	
Danvers Electric Division	Publicly Owned Entity		Dave Cavanaugh	
Dominion Energy Generation Marketing	Generation	Michael Purdie		
DTE Energy Trading, Inc.	Supplier			José Rotger
Dynergy Marketing and Trade, LLC	Supplier	Andy Weinstein		Bill Fowler
Emera Energy Services	Supplier			Bill Fowler
Enel X North America, Inc.	AR-LR	Michael Macrae		
ENGIE Energy Marketing NA, Inc.	AR-RG	Sarah Bresolin		
Eversource Energy	Transmission	James Daly	Dave Burnham	
Excelerate Energy LP	Associate Non-Voting	Gary Ritter		
FirstLight Power Management, LLC	Generation	Tom Kaslow		
Galt Power, Inc.	Supplier	José Rotger	Jeff Iafrazi	
Garland Manufacturing Company	End User			Bill Short
Generation Group Member	Generation	Dennis Duffy	Abby Krich	
Georgetown Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
Granite Shore Power Companies	Generation			Bob Stein
Great River Hydro	AR-RG			Bill Fowler

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PARTICIPATING IN MARCH 3, 2022 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
Groton Electric Light Department	Publicly Owned Entity		Brian Thomson	
Groveland Electric Light Department	Publicly Owned Entity		Dave Cavanaugh	
H.Q. Energy Services (U.S.) Inc. (HQUS)	Supplier		Bob Stein	
Hammond Lumber Company	End User			Bill Short
Harvard Dedicated Energy Limited	End User			Jason Frost
High Liner Foods (USA) Incorporated	End User		William P. Short III	
Hingham Municipal Lighting Plant	Publicly Owned Entity		Dave Cavanaugh	
Holden Municipal Light Department	Publicly Owned Entity		Brian Thomson	
Holyoke Gas & Electric Department	Publicly Owned Entity		Brian Thomson	
Hull Municipal Lighting Plant	Publicly Owned Entity		Brian Thomson	
Ipswich Municipal Light Department	Publicly Owned Entity		Brian Thomson	
Jericho Power LLC (Jericho)	AR-RG	Ben Griffiths	Nancy Chafetz	
Jupiter Power	Provisional Member			Ron Carrier
Littleton (MA) Electric Light and Water Department	Publicly Owned Entity		Dave Cavanaugh	
Littleton (NH) Water & Light Department	Publicly Owned Entity		Craig Kienny	
Maine Power LLC	Supplier	Jeff Jones		
Maine Public Advocate's Office	End User	Drew Landry		
Mansfield Municipal Electric Department	Publicly Owned Entity		Brian Thomson	
Maple Energy LLC	AR-LR			Doug Hurley
Marble River, LLC	Supplier		John Brodbeck	
Marblehead Municipal Light Department	Publicly Owned Entity		Brian Thomson	
Mass. Attorney General's Office (MA AG)	End User	Tina Belew		
Mass. Bay Transportation Authority	Publicly Owned Entity		Dave Cavanaugh	
Mass. Municipal Wholesale Electric Company	Publicly Owned Entity	Brian Thomson		
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	
Mintz, Samuel	End User	Sam Mintz		
National Grid	Transmission	Tim Brennan	Tim Martin	
Natural Resources Defense Council (NRDC)	End User	Bruce Ho		
Nautilus Power, LLC	Generation	Dan Pierpont	Bill Fowler	
New Hampshire Electric Cooperative	Publicly Owned Entity	Steve Kaminski		Brian Forshaw
New Hampshire Office of Consumer Advocate	End User	Jason Frost		
New England Power Generators Assoc. (NEPGA)	Associate Non-Voting	Bruce Anderson	Dan Dolan	
NextEra Energy Resources, LLC	Generation	Michelle Gardner		
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	
Nylon Corporation of America	End User			Bill Short
Pascoag Utility District	Publicly Owned Entity		Dave Cavanaugh	
Paxton Municipal Light Department	Publicly Owned Entity		Brian Thomson	
Peabody Municipal Light Department	Publicly Owned Entity		Brian Thomson	
PowerOptions, Inc.	End User			Jason Frost
Princeton Municipal Light Department	Publicly Owned Entity		Brian Thomson	
Reading Municipal Light Department	Publicly Owned Entity		Dave Cavanaugh	
Rowley Municipal Lighting Plant	Publicly Owned Entity		Dave Cavanaugh	
Russell Municipal Light Dept.	Publicly Owned Entity		Brian Thomson	

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PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
Shell Energy North America (US), L.P.	Supplier	Jeff Dannels		
Shrewsbury Electric & Cable Operations	Publicly Owned Entity		Brian Thomson	
South Hadley Electric Light Department	Publicly Owned Entity		Brian Thomson	
Sterling Municipal Electric Light Department	Publicly Owned Entity		Brian Thomson	
Stowe Electric Department	Publicly Owned Entity		Dave Cavanaugh	
Sunrun Inc.	AR-DG			Peter Fuller
Taunton Municipal Lighting Plant	Publicly Owned Entity	Devon Tremont	Dave Cavanaugh	
Templeton Municipal Lighting Plant	Publicly Owned Entity		Brian Thomson	
Tenaska Power Services Co.	Supplier		Eric Stallings	
The Energy Consortium	End User	Bob Espindola	Mary Smith	
Union of Concerned Scientists	End User		Francis Pullaro	
Vermont Electric Cooperative	Publicly Owned Entity	Craig Kiemy		
Vermont Electric Power Company (VELCO)	Transmission	Frank Ettori		
Vermont Energy Investment Corp. (VEIC)	AR-LR		Doug Hurley	
Vermont Public Power Supply Authority	Publicly Owned Entity			Brian Forshaw
Versant Power	Transmission	Lisa Martin	Dave Norman	
Village of Hyde Park (VT) Electric Department	Publicly Owned Entity		Dave Cavanaugh	
Wakefield Municipal Gas & Light Department	Publicly Owned Entity		Brian Thomson	
Walden Renewables Development LLC	Generation			Abby Krich
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		Brian Thomson	
Westfield Gas & Electric Department	Publicly Owned Entity		Dave Cavanaugh	
Wheelabrator North Andover Inc.	AR-RG		Bill Fowler	