



## INITIAL AGENDA

**Discussion on Item 1 will be held in Executive Session, during which participation will be limited exclusively to voting Members and Alternates, or their designates.**

1. To discuss in Executive Session Sector feedback on ISO New England Board selection process. Confidential background materials will be circulated under separate cover in advance of the meeting.

**The remainder of this meeting will be in general session:**

2. To approve a correction to the minutes of the October 13, 2017 meeting and the preliminary minutes of the November 3, 2017 meeting. Page 3841 of the October 13 minutes marked to show the correction and draft minutes for the November 3 meeting are included with this notice and posted with the meeting materials. **Please provide us with any comments on the draft November 3 minutes no later than 12:00 p.m. on Friday, December 1, 2017.**
3. To adopt and approve all actions recommended by the Technical Committees set forth on the Consent Agenda included with this initial notice. **In accordance with the Participants Committee Bylaws, if you wish to remove any of the recommended actions from the Consent Agenda, you must so indicate by notifying the Secretary on or before next Friday, December 1, 2017.**
4. To receive comments from the Honorable Neil Chatterjee, Commissioner of the Federal Energy Regulatory Commission.
5. To receive an ISO Chief Executive Officer Report.
6. To receive an ISO Chief Operating Officer Report.
7. To receive the 2017 NEPOOL Annual Report, which will be distributed at the Participants Committee meeting and posted with the meeting materials.
8. To elect NEPOOL Participants Committee Officers for 2018. A draft resolution reflecting the outcome of earlier balloting for the Participants Committee Chair and candidates for Secretary and Assistant Secretary will be circulated and posted with the supplemental notice.
9. To adopt a NEPOOL Budget for 2018. Background materials and a draft resolution will be circulated and posted with the supplemental notice.
10. To consider and take action, as appropriate, on revisions to the Financial Assurance Policy reflecting a revised Financial Transmission Rights Balance of Planning Period methodology. Background materials and a draft resolution will be included and posted with the supplemental notice.
11. To consider and take action, as appropriate, on revisions to Operating Procedure No. 22 (Disturbance Monitoring Requirements) for additional phasor measurement unit (PMU) installations for reliability. Background materials and a draft resolution will be included and posted with the supplemental notice.
12. To consider and take action, as appropriate, on ISO's "Competitive Auctions with Sponsored Policy Resources" (CASPR) proposal. Background materials and a draft resolution(s) will be included and posted with the supplemental notice.
13. To receive a report on current contested matters before the FERC. The litigation report will be circulated and posted in advance of the meeting.
14. To receive reports from committees and subcommittees.
15. To transact such other business as may properly come before the meeting.

efforts to improve its methodology for accounting for BTM solar in its forecasts, and noted that the ICR values for the FCAs had consistently over-estimated resource requirements, with material downward changes in resource requirements for subsequent Annual Reconfiguration Auctions.

The Committee then voted the motion and that motion ~~passed~~~~failed~~ with a 60.63% Vote in favor (Generation Sector – 0.95%; Transmission Sector – 15.2%; Supplier Sector – 0%; AR Sector – 10.17%; Publicly Owned Entity Sector – 17.10%; End User Sector – 17.1%; and Provisional Member Group – 0.11%). (See Vote 1 on Attachment 2).

Mr. Doot explained in response to a question that he expected the ISO would file its proposed ICR Values notwithstanding the failed vote and NEPOOL would provide comments on the stakeholder process, reporting on the votes and concerns that had been raised. Mr. Raymond Hepper confirmed that the ISO intended to file its proposed ICR Values as voted.

## **ISO CEO REPORT**

Mr. Gordon van Welie, ISO CEO, referred the Committee to the summaries of the ISO Board and Board Committee meetings that had occurred since the September 15 Participants Committee meeting, which had been circulated and posted in advance of the meeting. There were no questions or comments on the summaries.

He then updated the Committee on the ISO's planned response to the Department of Energy's Grid Resiliency Pricing Rule Proposal (DOE NOPR). He explained that the ISO planned to delay finalizing its planned operational fuel security study until after responsive comments to the DOE NOPR had been filed. Noting that the DOE NOPR directed the FERC to make changes to the markets to provide full cost recovery for coal and nuclear resources, since those resources had the potential for a 90-day supply of fuel on-site, he stated that the ISO disagreed with the premise and the expedited notice/comment process. He expressed the ISO's

## **PRELIMINARY**

A meeting of the NEPOOL Participants Committee was held beginning at 2:15 p.m. on Friday, November 3, 2017, at the Hilton Logan Hotel, at Logan Airport, Boston, Massachusetts, pursuant to notice duly given. The meeting was preceded by separate break-out meetings among modified Sector groups with representatives of the ISO Board, New England State Officials, and FERC staff. 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 attending the meeting.

Mr. Thomas Kaslow, Chair, presided and Mr. David Doot, Secretary, recorded. Mr. Kaslow welcomed the members, alternates and guests who were present, including the ISO Board members, New England State Officials and FERC representatives that remained following the breakout meetings. He thanked all those present for their participation in those prior discussions, noting that preliminary feedback from the discussions was very positive.

## **APPROVAL OF OCTOBER 13, 2017 MEETING MINUTES**

Mr. Kaslow referred the Committee to the preliminary minutes of the October 13, 2017 meeting, as circulated in advance of the meeting. Following motion duly made and seconded, the preliminary minutes of the October 13 meeting were unanimously approved, without abstention or change.

## **CONSENT AGENDA**

Mr. Kaslow referred the Committee to the Consent Agenda that was circulated in advance of the meeting. Following motion duly made and seconded, the Consent Agenda was unanimously approved without comment, with abstentions noted by CSC and LIPA.

## **ISO CEO REPORT**

Mr. Gordon van Welie, ISO Chief Executive Officer (CEO), referred the Committee to the very brief summary circulated and posted in advance of the meeting of the October 19 ISO Board Markets Committee meeting, the only ISO Board meeting that had occurred since the October 13 Participants Committee meeting. There was no question or comment on that summary.

## **ISO COO REPORT**

Dr. Vamsi Chadalavada, ISO Chief Operating Officer (COO), reviewed highlights from the November COO report, which was circulated in advance of the meeting and posted on the NEPOOL and ISO websites. Focusing on highlights, which he explained reflected data through October 25, 2017, he reported for October that: (i) Energy Market value was \$255 million, down \$20 million from September 2017 and up \$26 million from October 2016; (ii) average natural gas prices were up 44% from September 2017 averages; (iii) average Real-Time Hub LMPs (\$33.90/MWh) were 29% higher than September 2017 LMPs; (iv) average daily (peak hour) Day-Ahead cleared physical Energy, as a percent of forecasted load, was 99.5% in October, up from 98.8% in September 2017; (v) daily Net Commitment Period Compensation (NCPC) for October (based on data through October 24, 2017) totaled \$3.1 million, down \$0.6 million from September 2017 and down \$10.5 million from October 2016. The October 2017 NCPC was comprised of (a) \$2.7 million in first contingency payments, which were up \$126,000 from September, and (b) \$344,000 in second contingency payments, which were down \$703,000 from September. He said the NCPC payments were 1.2% of the total Energy Market value.

In response to a request at last month's meeting, Dr. Chadalavada reported on the ISO's operational expectations for Winter 2017/18, based on weather projections from the National Oceanic and Atmospheric Administration and available outage information. He referred to

slides showing projected warmer than normal winter temperatures, with normal snowfall forecasted, and a weak La Niña forecast. He reported that the peak load forecast for the Winter under normal 50/50 conditions was 21,197 MW, and for extreme 90/10 conditions was 21,895 MW. He reminded the Committee that Winter 2017/18 would be New England's first without Brayton Point, which reduced available resources not powered by natural gas by 1,500-1,600 MW. He noted that the ISO was anticipating a lengthy outage of line 398 between New England and New York (Long Mountain – Pleasant Valley), which he said would reduce total transfer capability from New York by several hundred MWs. He reported also that Winter 2017/18 was the final year of the FERC-approved Winter Reliability Program, and that up to 4,000 MW of gas-fired generation could be unavailable during periods of high gas load due to natural gas pipeline capacity constraints.

Referring to his presentation, Dr. Chadalavada reported on the conditions on October 18 that triggered Master/Local Control Center Procedure No. 2 (Abnormal Conditions Alert). He noted that there was a loss of 700 MW of expected deliveries during the evening peak across the interconnection, a loss of a Western Massachusetts 345 kV transmission line, and a simultaneous loss of two fast start resources during the evening ramp and over the peak hour. These events resulted in tight capacity conditions in New England and interface constraints on the northern ties with New York.

Turning to October 22, he reported that the load forecast and limited tie capability triggered tight capacity conditions. In Real-Time, the load ran over forecast by 220 MW integrated over the peak hour, and close to 400 MW instantaneously. Further, the ties with NYISO and New Brunswick were constrained due to ongoing transmission line and substation work.

Responding to questions, Dr. Chadalavada stated the October 18 lss was on the Phase II interconnection and scheduled deliveries over the peak hours were delayed by several hours across the interface. He stated that both October events highlighted the region's need for ramping capability. He also confirmed that both events would have met the definition of Shortage Event under FCM Performance Incentives, with four five-minute intervals on October 18 and three or four five-minute intervals on October 22.

The Calpine representative expressed appreciation to ISO for its letter of general support to the Department of Environmental Protection concerning greenhouse gas emissions allowance auctions. He questioned the ISO's reported decision to disqualify a certain number of MWs from participating as new in FCA12, noting those MWs would be produced by a power station for which the ISO had already granted a Capacity Supply Obligation (CSO) during a previous auction. He observed that it appeared that new MWs were subject to the very same challenges and circumstances as the MWs from the power station that had already cleared. Dr. Chadalavada acknowledged that there were different standards applicable to qualifying new entry than the standards applicable for disqualifying resources that already have a CSO. The ISO had already indicated that one of its 2018 priorities would be to revisit standards for qualifying and disqualifying MWs as new resources.

**HQICC VALUES FOR 2018-19 CCP 3RD ARA, 2019-20 CCP 2ND ARA & 2021-22 CCP 1ST ARA**

Ms. Mariah Winkler, Reliability Committee Chair, referred the Committee to materials circulated in advance of the meeting concerning the Hydro-Québec Interconnection Capability Credits (HQICC) Values for the 2018-19 Capacity Committee Period (CCP) third Annual Reconfiguration Auction (ARA), 2019-20 CCP second ARA, and 2021-22 CCP first ARA. She

reported that the Reliability Committee recommended Participants Committee support for the HQICC Values at its October 17 meeting.

The following motion was duly made and seconded:

RESOLVED, that the Participants Committee supports the proposed HQICC Values for the specified ARAs, as recommended by the Reliability Committee and as reflected in the materials distributed to the Participants Committee for its November 3, 2017 meeting, together with such non-substantive changes as may be agreed to after the meeting by the Chair and Vice-Chair of the Reliability Committee.

The CSC representative stated CSC and LIPA would oppose resolutions being voted on for both the HQICCs and the ICR Values because the calculations failed to take into account the reliability benefits of the Cross-Sound Cable.

The Committee considered and approved the motion on HQICCs, with opposition noted by CSC and LIPA, and abstentions noted by Direct Energy, DTE, Entergy, and Verso.

**ICR VALUES FOR 2018-19 CCP 3RD ARA, 2019-20 CCP 2ND ARA & 2021-22 CCP 1ST ARA**

Ms. Winkler then referred the Committee to materials circulated in advance of the meeting concerning the proposed ICR-related values for the 2018-19 CCP third ARA, 2019-20 CCP second ARA and 2021-22 CCP first ARA. She reported that the Reliability Committee recommended Participants Committee support for the proposed ARA ICR Values at its October 17 meeting, with four oppositions noted.

The following motion was duly made and seconded:

RESOLVED, that the Participants Committee supports the proposed ICR Values for the specified ARAs, as recommended by the Reliability Committee and as reflected in the materials distributed to the Participants Committee for its November 3, 2017 meeting, together with such non-substantive changes as may be agreed to after the meeting by the Chair and Vice-Chair of the Reliability Committee.



In discussing the motion, a member expressed appreciation to the ISO for reflecting in the ICR Values the new methodology for accounting for solar in the region. Other members expressed concern with the adoption of this new methodology for the same reasons they had opposed the ICR Values for FCA12.

The Committee then considered the motion which received a 62.10% Vote in favor (Generation Sector – 1.07%; Transmission Sector – 15.2%; Supplier Sector – 1.71%; AR Sector – 9.92%; Publicly Owned Entity Sector – 17.10%; End User Sector – 17.10%; and Provisional Member Group – 0.11%). (See Vote 1 on Attachment 2). The NEPOOL Secretary referred to Section 11.4 of the Participants Agreement and explained that the vote on ICR Values was subject to the same 60% voting threshold as Market Rules. Accordingly, the vote on the ICR Values passed.

A member questioned whether the vote on ICR values the prior month, which had been reported as failed at the meeting and in the minutes, had actually passed. The Chairman asked that the response be included in a memorandum to members after the meeting, which the Secretary committed to provide.

#### **NEW DYNAMIC DE-LIST BID THRESHOLD FOR FCAs 13-15**

Mr. Alex Kuznecow, Markets Committee Chair, referred the Committee to materials circulated in advance of the meeting concerning a Market Rule change to reduce the FCM Dynamic De-List Bid Threshold for FCAs 13, 14 and 15. He explained that the ISO-proposed changes were in response to the Tariff's requirement that the Internal Market Monitor (IMM) recalculate the threshold price no less than once every three years. That recalculation resulted in a proposed reduction in the current threshold value of \$5.50/kW-month down to \$4.30/kW-month. He reported that the Markets Committee discussed these changes over several meetings

and, at its October 4, 2017 meeting, a vote to recommend Participants Committee support failed with a 56.81% Vote in favor.

The following motion was duly made and seconded:

RESOLVED, that the Participants Committee supports the revisions to Market Rule 1 to modify the Forward Capacity Market Dynamic De-List Bid Threshold, as proposed by the ISO's Internal Market Monitor and circulated to this Committee in advance of this meeting, together with such non-substantive changes as may be approved by the Chair and Vice-Chair of the Markets Committee.

A generation representative explained generators' opposition to the IMM's calculation. He expressed the view that the marginal price in FCA11 was a better indicator of the likely price of a marginal resource in FCAs going forward than the price used by the IMM in its re-calculation..

The Committee considered the motion which passed with a 60.63% Vote in favor (Generation Sector – 0%; Transmission Sector – 15.2%; Supplier Sector – 3.42%; AR Sector – 7.70%; Publicly Owned Entity Sector – 17.10%; End User Sector – 17.1%; and Provisional Member Group – 0.11%). (See Vote 2 on Attachment 2).

## **ANNUAL RECONFIGURATION TRANSACTIONS PROPOSAL**

Mr. Kuznecow then referred the Committee to the materials circulated in advance of the meeting regarding a package of Tariff revisions recommended by the ISO that related to capacity substitution across zones. He explained that separate elements of the ISO proposal each were considered by the Markets Committee, Reliability Committee and the Budget & Finance Subcommittee. He reported that the Markets Committee recommended Participants Committee support for ISO's proposed revisions to Market Rule 1 and Section I.2.2 (Definitions), which included changes that would exempt resources smaller than 2 MW from being subject to the "Significant Decreases in Capacity" provisions. He reported also that the Committee considered

but did not support a proposal by FirstLight Power Resources (FirstLight) to remove this exemption.

Continuing, Mr. Kuznecow reported that the Reliability Committee also considered conforming changes that were proposed to parts of the ISO-NE Tariff within its purview, and he identified those provisions for the members. He said that the Reliability Committee reviewed those proposed changes and recommended Participants Committee support for those changes.

Finally, Mr. Kuznecow reported that the package of changes also included related revisions to the Financial Assurance Policy. He said that the Budget & Finance Subcommittee considered those changes without questions or objections. He noted that, following the Subcommittee's consideration of the changes, the ISO identified minor additional clarifying modifications that were included in the materials circulated to the Participants Committee.

The following main motions were duly made and seconded as a single package:

RESOLVED, that the Participants Committee supports revisions to Market Rule 1 and Section I.2.2 of the Tariff, as recommended by the Markets Committee at its October 4, 2017 meeting, and circulated to this Committee in advance of this meeting, together with such non-substantive changes as may be approved by the Chair and Vice-Chair of the Markets Committee.

RESOLVED, that the Participants Committee supports revisions to Tariff Sections III.12.2 and I.2.2., as recommended by the Reliability Committee at its October 17, 2017 meeting, and as circulated to this Committee in advance of this meeting, together with such non-substantive changes as may be approved by the Chair and Vice-Chair of the Reliability Committee.

RESOLVED, that the Participants Committee supports revisions to the ISO-NE Financial Assurance Policy, as proposed by the ISO, and as circulated to this Committee in advance of this meeting, together with such non-substantive changes as may be approved by the Chair of the Budget & Finance Subcommittee and the Chief Financial Officer of the ISO.

The FirstLight representative offered a motion to amend the main motions to include the Market Rule revisions discussed at the Markets Committee, so as to remove the small-resource

exemption previously identified from Sections III.13.1.2.2.4(2)(i) and III.13.4.2.1.3 of Market Rule 1, as described in materials that were reviewed with the Markets Committee and circulated in advance of the meeting (the FirstLight Amendment). The motion to amend the main motions was duly made and seconded.

The Committee considered the motion to amend the main motions, which did not pass. Support for that motion to amend was registered by Entergy, FirstLight, Jericho Power, and PSEG, and abstentions were noted by BP, Calpine, CPV, CSC, ConEd, Direct, Dominion, DTE, Dynegy, Emera Energy, Galt, Great River Hydro, LIPA, Mercuria, NextEra, and Verso. All others in attendance opposed the FirstLight Amendment.

The Committee then considered and approved the main motions, with oppositions noted by: FirstLight and Jericho; and abstentions noted by: BP, CPV, CSC, DC Energy, Direct, DTE, Galt, AR Small RG Group, LIPA, Mercuria, Verso, and Vitol.

### **ENERGY EFFICIENCY RESOURCE FINANCIAL ASSURANCE POLICY CHANGES**

Mr. Ken Dell Orto, Budget & Finance Subcommittee Chair, referred the Committee to the materials circulated in advance of the meeting related to proposed changes to the ISO Financial Assurance Policy (FAP) relating to the financial assurance requirements for energy efficiency resources (EE) in the FCM. He explained the proposed changes, which were to become effective as part of the Pay for Performance changes on June 1, 2018. He said the changes would remove the requirement that EE post financial assurance for Pay-For-Performance penalties during the months in which they cannot be subject to such penalties (February through May and September through November). He reported that the Subcommittee discussed the proposed changes and there were no objections to them.

The following motion was duly made and seconded:

RESOLVED, that the Participants Committee supports the changes to the ISO Financial Assurance Policy relating to the financial assurance requirements for energy efficiency resources participating in the Forward Capacity Market, as circulated to the Committee and discussed at this meeting, together with such further non-substantive changes as the Chief Financial Officer of ISO New England and the Chairman of the Budget & Finance Subcommittee may approve.

Before voting, a member from the AR Sector expressed appreciation to the ISO and the Subcommittee for the changes, stating they did not go as far as was justified but improved the status quo.

The Committee then considered and unanimously approved the motion.

### **LITIGATION REPORT**

Mr. Doot referred the Committee to the November 2 Litigation Report that had been circulated and posted in advance of the meeting, including a memorandum from NEPOOL Counsel summarizing comments that were filed in response to the proposed Grid Resiliency Pricing Rule issued by the Department of Energy (DOE NOPR). He reported that, based on discussions with NEPOOL Officers, NEPOOL would not file reply comments on November 7, but would consult with the Officers following reply comments to determine whether to summarize or respond to those reply comments.

### **COMMITTEE REPORTS**

Given the lateness of the hour, the only report was from Mr. Kuznecow, who highlighted that the Markets Committee was scheduled to meet on November 8-9 in Westborough, MA to consider and take action on the ISO's Competitive Auctions with Sponsored Policy Resources (CASPR) proposal.

**OTHER BUSINESS**

Mr. Doot reported that the next Participants Committee meeting was the NEPOOL Annual Meeting on December 8 at the Colonnade Hotel in Boston. He reported that current FERC Chairman Chatterjee was planning to be in New England for meetings on December 7 and to speak at the Annual Meeting.

There being no further business, the meeting adjourned at 3:15 p.m.

Respectfully submitted,

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David T. Doot, Secretary

**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES  
PARTICIPATING IN  
NOVEMBER 3, 2017 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
American PowerNet Management	Supplier			Mary Smith
AR Large Renewable Generation (RG) Group Member	AR-RG	Irina Gumennik		
AR Small Load Response (LR) Group Member	AR-LR	Doug Hurley	Brad Swalwell (tel)	
AR Small RG Group Member	AR-RG	Erik Abend (tel)		
Ashburnham Municipal Light Plant	Publicly Owned		Brian Thomson	
Associated Industries of Massachusetts	End User			Roger Borghesani
AVANGRID (CMP/UI)	Transmission		Alan Trotta (tel)	
Block Island Power Company	Supplier	Dave Cavanaugh		
Belmont Municipal Light Department	Publicly Owned		Dave Cavanaugh	
Boylston Municipal Light Department	Publicly Owned		Brian Thomson	
Brookfield Energy Marketing	Supplier	Aleksandar Mitreski		
BP Energy Company	Supplier			Nancy Chafetz
Bucksport Generation	Generation			Brett Kruse
Calpine Energy Services, LP	Supplier	John Flumerfelt	Brett Kruse	Bill Fowler
Chester Municipal Light Department	Publicly Owned		Dave Cavanaugh	
Chicopee Municipal Lighting Plant	Publicly Owned			
CLEAResult Consulting, Inc.	AR-DG	Doug Hurley		
Competitive Energy Services, LLC	Supplier			Glenn Poole
Concord Municipal Light Plant	Publicly Owned		Dave Cavanaugh	
Connecticut Municipal Electric Energy Coop. (CMEEC)	Publicly Owned	Brian Forshaw		
Conn. Office of Consumer Counsel	End User			Dave Thompson
Conservation Law Foundation	End User	David Ismay		
Consolidated Edison Energy, Inc. (ConEd)	Supplier	Jeff Dannels		
CPV Towantic, LLC	Generation	Dan Pierpont		
Cross-Sound Cable Company (CSC)	Supplier		Jose Rotger	
Danvers Electric Division	Publicly Owned		Dave Cavanaugh	
DC Energy, LLC	Supplier			Joe Wadsworth (tel)
Direct Energy Business, LLC	Supplier	Ron Carrier		Nancy Chafetz
Dominion Energy Generation Marketing, Inc.	Generation		James Davis	
DTE Energy Trading, Inc.	Supplier			Nancy Chafetz
Dynegy Marketing and Trade, LLC	Supplier		Carol Holahan	Bill Fowler
Emera Maine	Transmission	Lisa Martin		David Norman
Emera Energy Services	Transmission		Sandi Hennequin	Bill Fowler; Mike Cook
EnerNOC, Inc.	AR-LR	Sarah Griffiths		Doug Hurley
Entergy Nuclear Power Marketing, LLC	Generation	Ken Dell Orto		Bill Fowler
Environmental Defense Fund	End User	Liz Delaney		
Eversource Energy	Transmission	James Daly	Cal Bowie	Vandan Divatia
Exelon Generation Company	Supplier	Steve Kirk	Bill Fowler	Dan Allegretti
FirstLight Power Resources Management	Generation	Tom Kaslow		
Galt Power, Inc.	Supplier	Nancy Chafetz		
Generation Group Member	Generation		Abby Krich	Bob Stein
Georgetown Municipal Light Department	Publicly Owned		Dave Cavanaugh	
Great River Hydro, LLC	AR-RG			Bill Fowler
Groton Electric Light Department	Publicly Owned		Brian Thomson	
Groveland Electric Light Department	Publicly Owned		Dave Cavanaugh	
H.Q. Energy Services (U.S.) Inc.	Supplier		Bob Stein	Abby Krich
Harvard Dedicated Energy Limited	End User	Mary Smith	Mike Macrae	Roger Borghesani; Paul Peterson; Doug Hurley
High Liner Foods (USA) Incorporated	End User		William P. Short III	Stacy Dimou
Hingham Municipal Lighting Plant	Publicly Owned		Dave Cavanaugh	
Holden Municipal Light Department	Publicly Owned		Brian Thomson	

**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES  
PARTICIPATING IN  
NOVEMBER 3, 2017 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
Hull Municipal Lighting Plant	Publicly Owned		Brian Thomson	
Ipswich Municipal Light Department	Publicly Owned		Brian Thomson	
Jericho Power, LLC	AR-RG			Nancy Chafetz
Littleton (MA) Electric Light and Waster Department	Publicly Owned		Dave Cavanaugh	
Long Island Lighting Company (LIPA)	Supplier			Jose Rotger
Maine Power LLC	Provisional Member	Jeff Jones (tel)		
Maine Public Advocate Office	End User	Agnes Gormley		Paul Peterson
Mansfield Municipal Electric Department	Publicly Owned		Brian Thomson	
Marblehead Municipal Light Department	Publicly Owned		Brian Thomson	
Massachusetts Attorney General's Office (MA AG)	End User	Fred Plett		Rebecca Tepper
Mass Development Finance Agency	Publicly Owned		Dave Cavanaugh	
Mass. Municipal Wholesale Electric Company	Publicly Owned	Brian Thomson		
Mercuria Energy America, Inc.	Supplier			Nancy Chafetz
Merrimac Municipal Light Department	Publicly Owned		Dave Cavanaugh	
Middleborough Gas & Electric Department	Publicly Owned		Brian Thomson	
Middleton Municipal Electric Department	Publicly Owned		Dave Cavanaugh	
National Grid	Transmission	Tim Brennan	Tim Martin	
Natural Resources Defense Council	End User	Bruce Ho		
Nautilus Power, LLC	Generation		Bill Fowler	Nancy Chafetz
New Hampshire Electric Cooperative (NHEC)	Publicly Owned			Brian Forshaw Brian Callnan
New Hampshire Office of Consumer Advocate	End User	Paul Peterson		
NextEra Energy Resources, LLC	Generation	Michelle Gardner		
Novatus Energy (Blue Sky West)	AR-RG	Stacey Fitts		
NRG Power Marketing LLC	Generation		Pete Fuller	
Pascoag Utility District	Publicly Owned		Dave Cavanaugh	
Paxton Municipal Light Department	Publicly Owned		Brian Thomson	
Peabody Municipal Light Department	Publicly Owned		Brian Thomson	
PowerOptions, Inc.	End User			Paul Peterson
Princeton Municipal Light Department	Publicly Owned		Brian Thomson	
PSEG Energy Resources & Trade LLC	Supplier	Joel Gordon		
Reading Municipal Light Department	Publicly Owned			Brian Forshaw
Repsol Energy North America Company	Gas Industry Part.		Nancy Chafetz	
Rowley Municipal Lighting Plant	Publicly Owned		Dave Cavanaugh	
Russell Municipal Light Dept.	Publicly Owned		Brian Thomson	
Shipyard Brewing LLC	End User		Stacy Dimou	
Shrewsbury Electric & Cable Operations	Publicly Owned		Brian Thomson	
South Hadley Electric Light Department	Publicly Owned		Brian Thomson	
Sterling Municipal Electric Light Department	Publicly Owned		Brian Thomson	
Stowe Electric Department	Publicly Owned		Dave Cavanaugh	
Taunton Municipal Lighting Plant	Publicly Owned		Dave Cavanaugh	
Templeton Municipal Lighting Plant	Publicly Owned		Brian Thomson	
The Energy Consortium	End User	Roger Borghesani	Mary Smith	Paul Peterson, Fred Plett Doug Hurley
Union of Concerned Scientists	End User	Francis Pullaro		
Utility Services Inc.	End User			Paul Peterson
Vermont Electric Power Company	Transmission			Shana Louiselle
Vermont Energy Investment Corporation	AR-LR		Doug Hurley	
Vermont Public Power Supply Authority	Publicly Owned			Brian Forshaw
Verso Energy Services LLC	Generation	Glenn Poole		
Vitol Inc.	Supplier	Joe Wadsworth (tel)		
Wakefield Municipal Gas & Light Department	Publicly Owned		Brian Thomson	



**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES  
PARTICIPATING IN  
NOVEMBER 3, 2017 MEETING**

<b>PARTICIPANT NAME</b>	<b>SECTOR/ GROUP</b>	<b>MEMBER NAME</b>	<b>ALTERNATE NAME</b>	<b>PROXY</b>
Wallingford DPU Electric Division	Publicly Owned		Dave Cavanaugh	
Wellesley Municipal Light Plant	Publicly Owned		Dave Cavanaugh	
West Boylston Municipal Lighting Plant	Publicly Owned		Brian Thomson	
Westfield Gas & Electric Department	Publicly Owned		Dave Cavanaugh	
Wheelabrator North Andover Inc.	AR-RG	Bill Fowler		Nancy Chafetz

**NEPOOL PARTICIPANTS COMMITTEE  
VOTES TAKEN AT  
NOVEMBER 3, 2017 MEETING**

**TOTAL**

Sector/Group	Vote 1	Vote 2
GENERATION	1.07	0.00
TRANSMISSION	15.20	15.20
SUPPLIER	1.71	3.42
ALTERNATIVE RESOURCES	9.93	7.70
PUBLICLY OWNED ENTITY	17.10	17.10
END USER	17.10	17.10
PROVISIONAL MEMBERS	0.11	0.11
% IN FAVOR	62.10	60.63

**GENERATION SECTOR**

Participant Name	Vote 1	Vote 2
Bucksport Generation	O	O
CPV Towantic, LLC	O	O
Dominion Energy Gen. Marketing	O	O
Energy Nuclear Power Marketing	O	O
FirstLight Power Res. Management	O	
Generation Group Member	0.5	O
Nautilus Power, LLC	A	O
NextEra Energy Resources, LLC	O	O
NRG Power Marketing, LLC	O	O
Verso Energy Services LLC	O	O
IN FAVOR (F)	0.5	0
OPPOSED (O)	8.5	9
TOTAL VOTES	9.0	9
ABSTENTIONS (A)	1	0

**TRANSMISSION SECTOR**

Participant Name	Vote 1	Vote 2
AVANGRID (CMP/UI)	F	F
Emera	S	S
Emera Maine	--	--
Emera Energy Services Subs.	O	O
Eversource Energy	F	F
National Grid	F	F
Vermont Electric Power Co.	F	F
IN FAVOR (F)	4.0	4.0
OPPOSED	0.5	0.5
TOTAL VOTES	4.5	4.5
ABSTENTIONS (A)	0	0

**ALTERNATIVE RESOURCES SECTOR**

Participant Name	Vote 1	Vote 2
<b>Renewable Generation Sub-Sector</b>		
Great River Hydro, LLC	O	O
Jericho Power LLC	O	O
Wheelabrator North Andover Inc.	A	O
Small RG Group Member	A	A
<b>Distributed Generation Sub-Sector</b>		
CLEAResult Consulting, Inc.	F	F
<b>Load Response Sub-Sector</b>		
EnerNOC, Inc.	A	O
VT Energy Investment Corp.	F	F
Small LR Group Member	F	F
IN FAVOR (F)	3	3
OPPOSED (O)	2	4
TOTAL VOTES	5	7
ABSTENTIONS (A)	3	1

**SUPPLIER SECTOR**

Participant Name	Vote 1	Vote 2
American PowerNet Management, LP	A	F
Block Island Power Company	F	F
BP Energy Company	A	A
Brookfield Energy Marketing Inc.	O	O
Calpine Energy Services	O	O
Competitive Energy Services, LLC	O	O
Consolidated Edison Energy, Inc.	O	O
Cross-Sound Cable Company	O	A
DC Energy, LLC	A	A
Direct Energy Business, LLC	A	A
DTE Energy Trading, Inc.	A	A
Dynegy Marketing and Trade, LLC	A	O
Exelon Generation Company	O	O
Galt Power, Inc.	A	A
H.Q. Energy Services (U.S.) Inc.	A	O
Long Island Power Authority (LIPA)	O	A
Mercuria Energy America, Inc.	A	A
PSEG Energy Resources & Trade	O	O
Vitol Inc.	O	A
IN FAVOR (F)	1	2
OPPOSED	9	8
TOTAL VOTES	10	10
ABSTENTIONS (A)	9	9

**NEPOOL PARTICIPANTS COMMITTEE  
VOTES TAKEN AT  
NOVEMBER 3, 2017 MEETING**

**PUBLICLY OWNED ENTITY SECTOR**

Participant Name	Vote 1	Vote 2
Ashburnham Municipal Light Plant	F	F
Belmont Municipal Light Dept.	F	F
Boylston Municipal Light Dept.	F	F
Chester Municipal Light Dept.	F	F
Chicopee Municipal Lighting Plant	F	F
Concord Municipal Light Plant	F	F
Conn. Mun. Electric Energy Coop.	F	F
Danvers Electric Division	F	F
Georgetown Municipal Light Dept.	F	F
Groton Electric Light Dept.	F	F
Groveland Electric Light Dept.	F	F
Hingham Municipal Lighting Plant	F	F
Holden Municipal Light Dept.	F	F
Hull Municipal Lighting Plant	F	F
Ipswich Municipal Light Dept.	F	F
Littleton (MA) Electric Light Dept.	F	F
Mansfield Municipal Electric Dept.	F	F
Marblehead Municipal Light Dept.	F	F
Mass. Development Finance Agency	F	F
Mass. Municipal Wholesale Electric Co.	F	F
Merrimac Municipal Light Dept.	F	F
Middleborough Gas & Elec. Dept.	F	F
Middleton Municipal Electric Dept.	F	F
New Hampshire Electric Coop.	F	F
Pascoag Utility District	F	F
Paxton Municipal Light Dept.	F	F
Peabody Municipal Light Plant	F	F
Princeton Municipal Light Dept.	F	F
Reading Municipal Light Dept.	F	F
Rowley Municipal Light Plant	F	F
Russell Municipal Light Dept.	F	F
Shrewsbury's Electric & Cable Ops.	F	F
South Hadley Electric Light Dept.	F	F
Sterling Mun. Elec. Light Dept.	F	F
Stowe (VT) Electric Dept.	F	F
Taunton Municipal Light Plant	F	F
Templeton Mun. Lighting Plant	F	F
VT Public Power Supply Authority	F	F
Wakefield Mun. Gas & Light Dept.	F	F
Wallingford, Town of	F	F
Wellesley Municipal Light Plant	F	F
West Boylston Municipal Lighting Plant	F	F
Westfield Gas & Electric Light Dept.	F	F
IN FAVOR (F)	27	
OPPOSED	0	
TOTAL VOTES	27	
ABSTENTIONS (A)	0	

**END USER SECTOR**

Participant Name	Vote 1	Vote 2
Associated Industries of MA	F	F
Conn. Office of Consumer Counsel	F	F
Environmental Defense Fund	F	F
Harvard Dedicated Energy Limited	F	F
High Liner Foods (USA) Inc.	F	F
Maine Public Advocate's Office	F	F
Mass. Attorney General's Office	F	F
Natural Resources Defense Council	F	F
NH Office of Consumer Advocate	F	F
PowerOptions, Inc.	F	F
Shipyards Brewing Co., LLC	F	F
The Energy Consortium	F	F
Union of Concerned Scientists	F	--
Utility Services, Inc.	F	A
IN FAVOR (F)	14	12
OPPOSED	0	0
TOTAL VOTES	14	12
ABSTENTIONS (A)	0	1

**PROVISIONAL MEMBERS**

Participant Name	Vote 1	Vote 2
Maine Power LLC	F	F
IN FAVOR (F)	1	1
OPPOSED	0	0
TOTAL VOTES	1	1
ABSTENTIONS (A)	0	0

## CONSENT AGENDA

From the notice of actions of the *November 15, 2017 Reliability Committee*<sup>1</sup> meeting, dated November 17, 2017, which has been previously circulated:

1. **Revisions to OP-14 (Incorporate DRR Technical Requirements, Clarify Training Requirements, Identify Sections Not Effective Post-PRD Implementation)**

Support revisions to ISO OP-14 (Technical Requirements for Generators, Demand Resources (DRR), Asset Related Demands, and Alternative Technology Regulation Resources), to incorporate technical requirements for Demand Response Resources, identify sections no longer relevant after June 1, 2018 following PRD, and incorporate training requirements, as recommended by the Reliability Committee at its November 15, 2017 meeting, with such further non-material changes as the Chair and Vice-Chair of the Reliability Committee may approve.

The motion to recommend Participants Committee support was approved unanimously.

2. **Revisions to OP-18 (Sub-hourly Settlements Updates)**

Support revisions to ISO OP-18 (Metering and Telemetering Criteria) related to sub-hourly settlements, as recommended by the Reliability Committee at its November 15, 2017 meeting, with such further non-material changes as the Chair and Vice-Chair of the Reliability Committee may approve.

The motion to recommend Participants Committee support was approved unanimously.

From the notice of actions of the *November 8-9, 2017 Markets Committee*<sup>2</sup> meeting, dated November 14, 2017, which has been previously circulated:

3. **Revisions to MR1 § 13.3.4 (Covering Obligations for FCM Repowerings (Exelon Proposal))**

Support revisions to Section III.13.3.4 of Market Rule 1 relating to Covering Obligations for FCM Repowerings, as recommended by the Markets Committee at its November 8-9, 2017 meeting, with such further non-material changes as the Chair and Vice-Chair of the Markets Committee may approve.

The motion to recommend Participants Committee support was approved unanimously.

4. **Revisions to § I.2.2 & MR1 (Real-Time Reserve Designation & Settlement Rules)**

Support revisions to Tariff Section I.2.2 (Definitions) and Section III of Market Rule 1 relating to Real-Time Reserve Designation and Settlement Rules, as recommended by the Markets Committee at its November 8-9, 2017 meeting, with such further non-material changes as the Chair and Vice-Chair of the Markets Committee may approve.

The motion to recommend Participants Committee support was approved unanimously.

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<sup>1</sup> Reliability Committee Notices of Actions are posted on the ISO-NE website at: <http://iso-ne.com/committees/reliability/reliability-committee>.

<sup>2</sup> Markets Committee Notices of Actions are posted on the ISO-NE website at: <https://iso-ne.com/committees/markets/markets-committee>.