

FINAL

A meeting of the NEPOOL Participants Committee was held beginning at 2:00 p.m. on Friday, November 2, 2018, at the Seaport World Trade Center, Boston, MA, pursuant to notice duly given. The meeting was preceded by separate break-out meetings among modified Sector groups with representatives of the ISO Board and New England State Officials. 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 and New England State Officials that remained following the break-out meetings.

APPROVAL OF OCTOBER 4, 2018 MINUTES

Mr. Kaslow referred the Committee to the preliminary minutes of the October 4, 2018 meeting, as circulated and posted in advance of the meeting. Mr. Doot indicated that there was an error in the reported voting results for ICR in the body of the minutes that would be corrected in the final minutes to conform to the vote tabulation. Following motion duly made and seconded, the preliminary minutes of the October 4, 2018 meeting were unanimously approved with that correction noted.

CONSENT AGENDA

Mr. Kaslow 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 with opposition noted by ConEd, CSC and LIPA, and abstentions noted by the AR Small LR Group Member, ClearResult, FirstLight, ME OPA, NH OCA, and VEIC.

The representatives for CSC and LIPA noted that their opposition related to Consent Agenda Items 3, 4 and 5 (HQICC Values and ICR and Related Values) because of their previously conveyed positions that those values do not properly account for the reliability benefits and capacity import capability of the Cross-Sound Cable. The FirstLight representative explained that the FirstLight abstention was based on concerns previously raised that the ISO used different assumptions for its calculation of ICR Values and its calculation of required resources for fuel security. The other entities that abstained stated their abstention related to Consent Agenda Items 4 and 5.

ORDER 841 COMPLIANCE PROPOSAL

Mr. Alex Kuznecow, Markets Committee Chair, referred the Committee to the materials circulated and posted in advance of the meeting related to the ISO's proposed Tariff revisions to address the FERC's directives in Order 841 (Final Rule on Electric Storage Participation in the Markets). He reported that both the Markets Committee and Transmission Committee considered and approved portions of the compliance changes, and that this matter would have been on the Consent Agenda but for the timing of the Transmission Committee's consideration.

In the absence of objection, the recommendations of both the Markets Committee and Transmission Committee were presented for consideration in a single vote pursuant to the following motion that was duly made and seconded:

RESOLVED, that the Participants Committee support the revisions to Tariff Section 1.2.2 and Market Rule 1 to address certain requirements of FERC Order 841, as recommended by the Markets Committee, 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 Markets Committee.

RESOLVED that the Participants Committee support the revisions to Section II.21 and Schedules 9 and 21-Common to Section II of the Tariff to address certain requirements of FERC Order 841, as recommended by the Transmission Committee, 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 Transmission Committee.

Ahead of the vote, members commented on the proposed compliance changes. An AR representative thanked the ISO for its efforts, explaining that, while there were still some issues warranting further attention (such as the auto redeclaration issue), the changes reflected considerable progress and would be supported. A generator representative noted his company's opposition to the changes because they failed to address the auto redeclaration issue, which he argued was required to be compliant with Order 841. Echoing concern with the handling of the auto redeclaration issue, an AR member stated the Participants he represented would abstain.

The Committee then voted and approved the motions in a single vote, with opposition noted by NRG, and abstentions noted by Enel X and Enerwise.

ISO COO REPORT

Dr. Vamsi Chadalavada, ISO Chief Operating Officer (COO), referred to the November COO report, which was circulated in advance of the meeting and posted on the NEPOOL and ISO websites. He noted that the report included data through October 23, 2018. During that time: (i) Energy Market value was \$288 million, down \$115 million from September 2018 and down \$14 million from October 2017; (ii) average natural gas prices were 10% higher than average prices in September 2018; (iii) average Real-Time Hub LMPs (\$40.75/MWh) were 1% lower than September 2018 LMPs; (iv) average daily (peak-hour) Day-Ahead cleared physical Energy, as a percent of forecasted load, was 98.1% in October, down from 98.8% in September 2018; and (v) daily Net Commitment Period Compensation (NCPC) for October was \$2.2 million, down \$1.7 million from September 2018 and down \$1.5 million from October 2017. He reported that NCPC in October represented 0.7% of the total Energy Market value, including: (a) \$1.6 million in first contingency payments, down \$2.1 million from last month; (b) \$597,000 in second contingency payments, up \$581,000 from September; and (c) \$36,000 in voltage

payments, twice the amount of such payments in September. He went on to explain that the second contingency payments were almost all in Southeast MA and RI, reflecting out-of-merit commitments because of an unplanned resource outage and ongoing transmission work at the West Medway Substation. He cautioned that similar outages and out-of-merit commitments may occur in November.

Dr. Chadalavada reported that nearly 2,000 MW of new resources were added to the generator interconnection queue over the prior month, primarily for the state-sponsored requests for proposals for clean energy sources. He said the ISO planned to make the informational filing at the FERC identifying all resources qualified to participate in FCA13 on November 6.

Reviewing Forward Capacity Market (FCM) highlights, he reported that the Renewable Technology Resource (RTR) election cap is 481 MW. The ISO planned to file the ICR and Related Values with the FERC on November 6. FCA13 is scheduled to commence on February 4, 2019 and the first Competitive Auctions with Sponsored Policy Resources (CASPR) substitution auction planned to be held five business days after FCA13 is complete.

Members then asked questions on the report. In response to a question as to whether the ISO could publish the number of megawatts of RTRs that are qualified for FCA13 either before or after the auction, Dr. Chadalavada committed to check with the ISO's Internal Market Monitor and, barring objection, to publish those numbers. In response to another question, Dr. Chadalavada clarified that the Day-Ahead Cleared percentages were based on Day-Ahead physical Energy (and not reconstituted load). As a follow-up to a previous question regarding how the New York-New England ties operated during the September 3 capacity scarcity condition, he reported that the ISO's review of the aggregate performance of imports holding capacity supply obligations (CSO) revealed that those resources performed well in excess, roughly 125-127%, of their CSO.

CASPR IMPLEMENTATION MARKET RULE AND MANUAL CHANGES

Mr. Kuznecow referred the Committee to the materials circulated and posted in advance of the meeting related to a package of Tariff changes to support the implementation of CASPR. He described the stakeholder review process followed by the Markets, Reliability and Transmission Committees and the Budget & Finance (B&F) Subcommittee and the outcome of the votes taken by the respective Committees. Mr. Kaslow suggested that, absent objection, the Committee act on all of the motions in a single vote. There was no objection.

The following motions were then together duly made and seconded:

RESOLVED, that the Participants Committee supports revisions to Market Rule 1 and Manual M-20, as recommended by the Markets Committee, 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 Section III.12 of the Tariff, as recommended by the Reliability Committee, 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 Attachment K and Schedules 22, 23, and 25 of Section II of the Tariff, as recommended by the Transmission Committee, 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 Transmission Committee; and

RESOLVED, that the Participants Committee supports revisions to the 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.

A Publicly Owned Entity representative expressed his Sector's support for the NESCOE-requested changes to clarify that off-shore wind could qualify for the RTR Exemption, but opposed the continuing failure of CASPR similarly to recognize resources added in response to

Publicly Owned Entity needs. Accordingly, the Publicly Owned Entity Sector would oppose the overall package.

In response to questions about the proposed effective date for the changes, Mr. Doot explained that the ISO planned to request an effective date that is 60 days after filing, so the language would be in effect for FCA13. As a practical matter, however, many of the deadlines for FCA13 had already passed, so the clarification was unlikely to affect any resources in FCA13.

The Committee voted and approved the four resolutions in the motion in a single vote, with opposition noted by the Publicly Owned Entity Sector and PSEG, and abstentions noted by the AR Small RG Group Member, ConEd, CPV, Dominion, Great River Hydro, IECG, LIPA, and Maine Skiing.

POSTPONEMENT OF UPDATES TO CONE/NET CONE/ORTP/DDBT VALUES

Mr. Kuznecow referred the Committee to the materials circulated and posted in advance of the meeting concerning Markets Committee-recommended changes to Market Rule 1 to postpone to FCA16 (rather than for FCA15 as originally scheduled) the triennial review of Cost of New Entry (CONE), Net CONE, and Offer Review Trigger Price (ORTP) values and the recalculation of the Dynamic De-List Bid Threshold (DDBT) value. He reported the Markets Committee considered the changes at its October 9-10 meeting and recommended Participants Committee support.

The following motion was duly made and seconded:

RESOLVED, that the Participants Committee support the revisions to Market Rule 1 to postpone to FCA16 the updates to CONE, Net CONE, ORTP and DDBT values, as recommended by the Markets Committee, 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 Markets Committee.

NEPGA, on behalf of its members, expressed dismay with the delay, particularly with postponing the updates to Net CONE, ORTPs, and the DDBT. The NEPGA representative reminded the ISO that it had committed in a filing letter earlier in the year, both to the Participants and to the FERC, to update the values for FCA15. Dr. Chadalavada acknowledged the frustration, explaining that many events had intervened since that commitment. There were numerous variables that would have different impacts on those updated numbers, some that would tend to increase the numbers and others that would decrease the numbers. Continuing, he explained that there was simply inadequate time to address all of those factors on the original planned schedule. He further acknowledged that generators may have taken comfort in the filing letter, and the ISO must be more specific in its intent and how it documents its commitments. He indicated that the referenced filing letter was a key factor driving the plans for and timing of the FERC filing.

The Committee then voted and approved the motion with opposition noted by Dynegy, Great River Hydro, Nautilus, and PSEG, and abstentions noted by CLF, ConEd, CPV, CSC, Exelon, IECG, Jericho, and Maine Skiing.

LITIGATION REPORT

Mr. Doot referred the Committee to the October 31 Litigation Report circulated and posted in advance of the meeting. He asked that anyone with questions on that summary to contact NEPOOL Counsel.

COMMITTEE REPORTS

Mr. William Fowler reported that the Markets Committee was scheduled to meet on November 7-8 in Westborough. The first day would address fuel security Chapter 3 issues; the second day would be dedicated to fuel security Chapter 2B, along with some other agenda items.

Mr. Dell Orto reported that the B&F Subcommittee was scheduled to meet on November 27, noting that meeting would be the Subcommittee's last meeting of 2018, with the next meeting in late January 2019. The key topic of the November 27 meeting would be review of NEPOOL's proposed 2019 budget ahead of Participants Committee consideration of that budget at its December meeting.

OTHER BUSINESS

Mr. Doot reminded the Committee that its next meeting would be its Annual Meeting on December 7 at the Colonnade Hotel in Boston. He indicated that balloting for 2019 Participants Committee Chair would begin the following week and urged members to return their ballots promptly.

There being no further business, the meeting adjourned at 2:40 p.m.

Respectfully submitted,

David Doot, Secretary

**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES
PARTICIPATING IN
NOVEMBER 2, 2018 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
Acadia Center	End User		Deborah Donovan	
AR Small Load Response (LR) Group Member	AR-LR	Doug Hurley		
AR Small Renewable Generation (RG) Group Member	AR-RG	Erik Abend (tel)		
American PowerNet Management	Supplier			Mary Smith
Ashburnham Municipal Light Plant	Publicly Owned		Brian Thomson	Brian Forshaw
AVANGRID: CMP/UI	Transmission	Adam Sokoloski (tel)	Alan Trotta	
Belmont Municipal Light Department	Publicly Owned		Dave Cavanaugh	
Block Island Power Company	Supplier	Dave Cavanaugh		
Boylston Municipal Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
BP Energy Company	Supplier			Nancy Chafetz
Braintree Electric Light Department	Publicly Owned			Dave Cavanaugh
Brookfield Energy Marketing	Supplier	Aleks Mitreski		
Chester Municipal Light Department	Publicly Owned		Dave Cavanaugh	
Chicopee Municipal Lighting Plant	Publicly Owned		Brian Thomson	Brian Forshaw
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.	Publicly Owned	Brian Forshaw		
Connecticut Office of Consumer Counsel (CT OCC)	End User	Elin Katz		
Conservation Law Foundation (CLF)	End User			Liz Delaney
Consolidated Edison Energy, Inc. (ConEd)	Supplier	Jeff Dannels		
CPV Towantic, LLC	Generation	Daniel Pierpont		
Cross-Sound Cable Company (CSC)	Supplier		Jose Rotger	
Danvers Electric Division	Publicly Owned		Dave Cavanaugh	
Direct Energy Business, LLC	Supplier			Nancy Chafetz
Dominion Energy Generation Marketing, Inc.	Generation		James Davis	
DTE Energy Trading, Inc.	Supplier			Nancy Chafetz
Dynergy Marketing and Trade, LLC	Supplier			Bill Fowler
Emera Maine	Transmission	Lisa Martin		
Emera Energy Services Subsidiaries (Emera Energy)	Transmission	Sandi Hennequin		Bill Fowler
Enerwise Global Technologies (d/b/a CPower Corp)	AR-LR		Herb Healy	
Enel X North America, Inc.	AR-LR		Herb Healy	
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	
FirstLight Power Resources Management	Generation	Tom Kaslow		
Galt Power, Inc.	Supplier	Nancy Chafetz		
Generation Group Member	Generation	Dennis Duffy	Abby Krich	Bob Stein
Georgetown Municipal Light Department	Publicly Owned		Dave Cavanaugh	
Great River Hydro, LLC	AR-RG		Shawn Keniston	Bill Fowler
Groton Electric Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
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	Michael Macrae	Paul Peterson
High Liner Foods (USA) Incorporated	End User		William P. Short III	
Hingham Municipal Lighting Plant	Publicly Owned		Dave Cavanaugh	
Holden Municipal Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
Holyoke Gas & Electric Department	Publicly Owned		Brian Thomson	Brian Forshaw
Hull Municipal Lighting Plant	Publicly Owned		Brian Thomson	Brian Forshaw

**PARTICIPANTS COMMITTEE MEMBERS AND ALTERNATES
PARTICIPATING IN
NOVEMBER 2, 2018 MEETING**

PARTICIPANT NAME	SECTOR/ GROUP	MEMBER NAME	ALTERNATE NAME	PROXY
Industrial Energy Consumer Group (IECG)	End User	Kevin Penders		
Ipswich Municipal Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
Jericho Power LLC (Jericho)	AR-RG		James D'Andrea	
Littleton (MA) Electric Light and Waster Department	Publicly Owned		Dave Cavanaugh	
Littleton (NH) Water & Light Department	Publicly Owned		Craig Kieny (tel)	Brian Forshaw
Long Island Lighting Company (LIPA)	Supplier		William Killgoar	
Maine Public Advocate Office (ME OPA)	End User			Paul Peterson
Maine Skiing, Inc.	End User	Kevin Penders		
Mansfield Municipal Electric Department	Publicly Owned		Brian Thomson	Brian Forshaw
Marblehead Municipal Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
Massachusetts Attorney General's Office (MA AG)	End User	Christina Belew	Sarah Bresolin Silver	
Mass. Municipal Wholesale Electric Company	Publicly Owned	Brian Thomson		Brian Forshaw
Merrimac Municipal Light Department	Publicly Owned		Dave Cavanaugh	
Middleborough Gas & Electric Department	Publicly Owned		Brian Thomson	Brian Forshaw
Middleton Municipal Electric Department	Publicly Owned		Dave Cavanaugh	
National Grid	Transmission	Tim Brennan	Tim Martin	
Nautilus Power, LLC	Generation		Bill Fowler	
New Hampshire Electric Cooperative	Publicly Owned	Steve Kaminski		Brian Forshaw
New Hampshire Office of Consumer Advocate (NH OCA)	End User	Paul Peterson		
NextEra Energy Resources, LLC	Generation	Michelle Gardner		
NRG Power Marketing LLC	Generation		Pete Fuller	
Pascoag Utility District	Publicly Owned		Dave Cavanaugh	
Paxton Municipal Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
Peabody Municipal Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
PowerOptions, Inc.	End User			Paul Peterson
Princeton Municipal Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
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	Brian Forshaw
Shrewsbury Electric & Cable Operations	Publicly Owned		Brian Thomson	Brian Forshaw
South Hadley Electric Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
Sterling Municipal Electric Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
Stowe Electric Department	Publicly Owned		Dave Cavanaugh	
Taunton Municipal Lighting Plant	Publicly Owned		Dave Cavanaugh	
Templeton Municipal Lighting Plant	Publicly Owned		Brian Thomson	Brian Forshaw
The Energy Consortium	End User			Paul Peterson
Utility Services Inc.	End User			Paul Peterson
Vermont Electric Cooperative	Publicly Owned	Craig Kieny (tel)		Brian Forshaw
Vermont Electric Power Company	Transmission	Frank Ettori		
Vermont Energy Investment Corp (VEIC)	AR-LR	David Westman	Doug Hurley	
Vermont Public Power Supply Authority	Publicly Owned			Brian Forshaw
Verso Energy Services LLC	Generation	Glenn Poole		
Wakefield Municipal Gas & Light Department	Publicly Owned		Brian Thomson	Brian Forshaw
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	Brian Forshaw
Westfield Gas & Electric Department	Publicly Owned		Dave Cavanaugh	
Wheelabrator/Calpine	AR-RG	Brett Kruse	John Flumerfelt	Bill Fowler