

**Draft Minutes**  
**New York State Reliability Council, L.L.C. (NYSRC)**  
**Executive Committee**  
**Meeting No. 212 – December 2, 2016**  
**Albany Country Club, Voorheesville, NY**

**Members and Alternates**  
**in Attendance:**

Curt Dahl, P.E.	PSEGLI – Member – Chair
Peter Altenburger	National Grid, USA – Member – Vice Chair
George Loehr	Unaffiliated Member
William H. Clagett	Unaffiliated Member
Bruce Ellsworth	Unaffiliated Member
George Smith, P.E.	Unaffiliated Member
Richard J. Bolbrock, P.E.	Municipal & Electric Cooperative Sector – Member
Chris LaRoe	Independent Power Producers of NY – Alternate
Rich Brophy	New York State Electric & Gas/RG&E - Alternate - Phone
Jim McCloskey	Central Hudson Gas & Electric – Member
Mayer Sasson	Consolidated Edison Co. of NY, Inc.- Member
Mike Mager	Couch White (Large Customer Sector) – Member
Sunil Palla	NYPA – Member

**Other**

Paul Gioia, Esq.	Counsel
Carl Patka, Esq.	New York Independent System Operator (NYISO)
Wes Yeomans	New York Independent System Operator (NYISO)
Rana Mukerji	New York Independent System Operator (NYISO)*
Dana Walter	New York Independent System Operator (NYISO)
Zack Smith	New York Independent System Operator (NYISO)
Don Raymond	Executive Secretary
Robert Boyle	NYPA – ICS Chair
Mariann Wilczek	PSEGLI - ICS Vice Chair
Roger Clayton	Electric Power Resources, LLC – RRS/RCMS Chair
Al Adamson	Treasurer, Consultant - Phone
Leka Gjonaj	NYS Department of Public Service*

**Visitors- (Open Session)**

Philip Fedora	Northeast Power Coordinating Council (NPCC)
Kelli Joseph	NRG
Mark Younger	Hudson Energy Economics, LLC
Chris Wentlent	Constellation
Erin Hogan	Department of State
Herb Schrayshuen	Power Advisors, LLC

“\*” Denotes part-time

- 1.0 Introduction** – Chairman Dahl called the NYSRC Executive Committee (Committee) Meeting No. 212 to order at 9:30 a.m. on December 2, 2016.
- 1.1 Meeting Attendees** – All Members and/or Alternate Members (or representatives) of the NYSRC Executive Committee were in attendance.
- 1.2 Visitors** – See Attendee List, page 1.
- 1.3 Requests for Additional Agenda Items** – None
- 1.4 Declarations of “Conflict of Interest”** – None
- 1.5 Executive Session Topic** – None
- 2.0 Meeting Minutes/Action Items**
- 2.1 Approval of Minutes for Meeting No. 211 (November 10, 2016)** – Mr. Raymond introduced the revised draft minutes of the November 10, 2016 Executive Committee meeting which included all comments received to date. Mr. Gioia provided two additional comments. The Executive Committee concurred with both. Mr. Bolbrock moved for approval of the draft contingent upon the inclusion of Mr. Gioia’s comments. The motion was seconded by Mr. Ellsworth and unanimously approved by the Executive Committee members – (13 to 0). The Executive Secretary will post the minutes on the NYSRC website – **AI #212-1.**
- 2.2 Action Items List** – The Executive Committee reviewed the Outstanding Action Items list and accepted removal of the following items:

<u>Action Item #</u>	<u>Comments</u>
211-2	A sensitivity case with Fitzpatrick retired was provided at the December 2, 2016 Executive Committee meeting.
211-3	Comments were provided on the Draft IRM Report by November 10, 2016.
211-4	Messrs. Smith and Loehr summarized the first draft MDMS at the November 10, 2016 Executive Committee meeting.

**3.0 Organizational Issues**

**3.1 NYSRC Treasurer’s Report**

- i. Summary of Receipts & Disbursements** - Mr. Adamson introduced the Summary of Receipts and Disbursements which showed a surplus of \$167,000 at the end of November 2016. Also, Mr. Adamson noted that the year-end variance from Budget is projected to be a surplus of \$188,000.
- ii. Estimated 2017 Cash Flow** – Mr. Adamson presented the 2017 Monthly Cash Flow projection which is used to determine the Quarterly Call-For-Funds. The 1<sup>st</sup> Quarter Call-For-Funds is \$165,000 which includes Membership fees of \$45,000 and TO Assessments of \$20,000 each. The estimated total payment by each TO in 2017 is \$115,000 compared to the 2016 actual assessments of \$95,000. Some of the difference is the budgeted contingency which has not been used in prior years. Mr. Adamson recommended a \$5,000 assessment for each member except the unaffiliated members and \$20,000 for each TO resulting in a 1<sup>st</sup> Quarter total Call-For-Funds of \$165,000. Mr. Claggett moved for approval of the recommended Call-For-Funds. The motion was seconded by Mr. Smith and unanimously approved by the Executive Committee – (13 to 0).

**3.2 Other Organizational Issues** – The Executive Committee confirmed Mr. Forte to represent the NYSRC at the NPCC Board of Directors meetings. Also, Mr. Dahl announced that Mr. Clagett, an original Executive Committee Member and past Chairman and Vice Chairman, has decided to retire from the Committee at the end of the 1<sup>st</sup> Quarter 2017 after 17 years of devoted service. Mr. Clagett, who has had a long and distinguished career in the electric industry, will be sorely missed. Mr. Dahl presented Mr. Clagett with a plaque commemorating his extraordinary service and expressed the Executive Committee’s appreciation for a job well done. Mr. Altenburger noted that he is preparing a notice to post a position opening in the Unaffiliated Member Sector of the Executive Committee. The notice will contain all necessary information for interested parties to submit written resumes. It is hoped the position will be filled by the end of January 2017 – **AI #212-2**.

**4.0 Capacity Subcommittee (ICS) Status Report/Issue**

**4.1 ICS Chair Report** – Mr. Boyle reported that the ICS met on November 28, 2016. He requested approval of a single sentence addition to Policy 5. The content of the sentence below was inadvertently removed when the proposed addition of Appendix C, Generator Inclusion Guidelines, was determined to be unnecessary by the Executive Committee on July 8, 2016.

“The IRM Study model base case reflects those resource and transmission system changes that are received by the study input cutoff date and that will be effective on June 1 of the Capability Year to be studied.”

Mr. Bolbrock moved for approval of the one sentence addition to Policy 5. The motion was seconded by Mr. Loehr and unanimously approved by the Executive Committee – (13 to 0).

**4.2 2017-18 IRM Report** – Mr. Boyle introduced the final draft of the “NYCA Installed Capacity Requirement for the Period May 2017 to April 2018”. In response to a prior Executive Committee request, Mr. Boyle noted that the likelihood of (a) the Fitzpatrick and Cayuga units remaining in-service is > 50%, (b) the Ramapo PAR installation prior to June 1, 2017 < 50%, and (c) the LIPA topology changes being in place by June 1, 2017 > 75%. Regarding the Ramapo PAR, Dr. Sasson stated that the equipment is in storage and will take about 2 months to install. The hold-up is on-going cost recovery negotiations between the NYISO, PJM and Con Ed. ~~Some Members felt that since reliability is such a significant factor, the negotiations should be able to be concluded in the next 4 months.~~ Mr. Gjonaj said now that the reliability impacts of not installing the PAR are clear, if the issue is not resolved in the next two months he would recommend to his senior management that they direct ConEd to proceed with installing the PAR.

Further, Mr. Boyle reported that given the short time available, GE has done only a limited review of the MARs data by only examining the differences between the original preliminary and final base cases and found no data errors. Also, Con Ed and LIPA have completed limited reviews and found no data errors. Mr. Boyle recommended that the Executive Committee approve ~~an~~ the Final 2017-18 IRM subject to a one week delay during which GE, Con Ed and LIPA will review the data more thoroughly. The Executive Committee concurred.

Mr. Clagett moved for conditional approval of the final draft Report. The motion was seconded by Mr. Bolbrock and unanimously approved by the Executive Committee – (13 to 0).

The Executive Committee expressed its appreciation to Messrs. Boyle, Adamson and Adams, Ms. Wilczek and ICS for their outstanding efforts in developing the final report.

**4.3 Vote on the 2017-18 IRM** – The selection of the 2017-18 IRM was carried out in accordance with Policy 5: Section 5, “Establishment of the Final IRM”. 18.0% was the preferred IRM resulting from the Straw Poll. The Executive Committee approved an IRM of 18.0% for the 2017- 2018 Capability Year via the up/down balloting of 18.0%, subject to confirmation that the pending review of the data used in the IRM Study uncovers no material data errors by December 9, 2016. The up/down ballot result was 12 to1 in favor of 18.0%. The Resolution document will be approved either by email vote or a

conference call tentatively scheduled for 1:00 PM on December 9, 2016 – **AI #212-3**.

**5.0 Reliability Rules Subcommittee Status Report/Issues**

**5.1 RRS Status Report & Discussion Issues** – Mr. Clayton reported that a joint RRS/RCMS meeting was held on November 29, 2016. Two separate meetings were held, each with its own agenda and minutes. He summarized RRS’s current activities which are included in Sections 5.2 – 5.5 below.

**5.2 Status of New/Revised Reliability Rules**

**i. Proposed NYSRC Reliability Rules Revision**

**a. List of Potential Reliability Rules (“PRR”) Changes** – Mr. Clayton introduced the “List of Potential Reliability Rule Changes”.

PRR # 128, Definition of Bulk Power System is tabled pending the NPCC review of A-10 revisions. The following PRRs have received final approval at the November Executive Committee meeting and will be included in the next update to the RR&C Manual:

1. PRR #131C, Dual Fuel Testing Requirements,
2. PRR# 132, I.4 Transmission Data,
3. PRR #133, F Restoration Plan, and
4. PRR #134, I.5 Disturbance Recording.

PRR #135, G.4(R2) System Restoration From Eligible Black Start Resources was approved for “Post for Comment” at the November 10, 2016 Executive Committee meeting.

**5.3 Proposed NYSRC Reliability Rule Revisions**

**a. Status of New/Modified Reliability Rules**

**1. PRRs for EC Final Approval**

- None

**2. PRRs for EC Approval to Post**

- None

**3. PRRs for EC Discussion**

- None

**5.4 NERC Standards Development** – Mr. Adamson noted the NYSRC voted “Yes” on: (a) Modifications to CIP-003-7, (b) Cyber Security Chain Management, and (c) EOP-004-4, Emergency Operations. This is consistent with the positions of NGrid, ConEd, and NPCC.

**5.5 Other RRS Issues –**

**i. Modification to Exception #13** – In accordance with Policy 1, NYPA sent an exception application to the Executive Committee and notified the NYISO of the application. The request pertains to the following Niagara Project facilities: (a) Niagara Project transformers and (b) transmission lines connected directly to the Niagara Project. It states that the post-contingency flows are allowed to reach their STE ratings, if NYPA can ensure that sufficient generation can be reduced at Niagara to return the flows to less than their LTE ratings within 15 minutes from the initial overload. RRS and the NYISO support the application.

Mr. Palla moved for approval of the application. The motion was seconded by Mr. Altenberger and unanimously approved by the Executive Committee – (13 to 0).

**ii. RRS Status Report** – See Sections 5.2 and 5.3.

**6.0 Reliability Compliance Monitoring Subcommittee (RCMS) Report/Issues**

**6.1 RCMS Status Report & Discussion Issues** – Mr. Clayton reported that RCMS met on November 29, 2016 following the RRS meeting to review the status of the 2016 New York Reliability Compliance Program.

**6.2 2016 New York Reliability Compliance Program (NYRCP)** – RCMS found the NYISO to be in full compliance with the following Requirement(s):

- (a) A.2 (R4), LSE ICAP Obligations, and

## **7.0 Reliability Initiatives**

**7.1 Defensive Strategies** – Mr. Smith reported that the case for the loss of New England’s Phase II HVDC while operating at 2000Mws and heavy loads was completed. Surprisingly, the transient and dynamics stability analyses show very little impact within NYCA.

## **8.0 State/NPCC/Federal Energy Activities**

**8.1 NPCC Board of Directors (BODs)** – Mr. Forte provided a summary of a recent NERC cyber security violation which resulted in a \$1,125,000 penalty for an Unidentified Registered Entity (URE) in the WECC Region. The URE had a total of 19 NERC CIP compliance violations. All of the violations were self-reported by the URE. The root cause of the violations was the URE’s failure to have a comprehensive change management configuration and communication process during the testing and installation phases of a new substation.

**8.2 NPCC Report** – Mr. Fedora reported that NPCC Board of Directors is meeting on December 7, 2016. The Task Forces have been asked to review their work plans for 2017/18 and present them to the RCC at its meeting on December 6, 2016 in Montreal, CN. Also, scheduled for presentation are: (a) the Long Range Adequacy Overview, (b) the Winter Reliability Assessment (c) the SS-38 Working Groups efforts to integrate distributed generation into the Region, and (d) NPCC Staff’s Clean Power Plant Assessment for the year 2030. In addition, Staff and a consultant are investigating the use of SCADA data throughout NPCC in order to develop quickly a data base for performing analyses of major system disturbances.

Before the RCC meeting there is a Governmental and Regulatory Affairs Advisory Group meeting on December 6, 2016. The agenda will include: (a) NYISO work on the Clean Air Standards, (b) ISO-NE’s efforts to integrate its renewable portfolio into its market structure, and (c) a comprehensive discussion of the NPCC Clean Power Plant Assessment.

The General Meeting will follow the next day, December 7, 2016. The theme is Reliability Challenges. Presentations will be given by: (a) Brian Evans Munchin (HQ TransEnergy, President) on NERC efforts regarding Distributed Energy Resources, (b) Steve Leahy (Northeast Gas Association) on Gas/Electric Coordination, and (c) Brian Harrill ( Navigant Consulting) on Cyber and Physical Security.

## **9.0 NYISO Status Report/Issues**

**9.1 Reliability Planning Process** – The NYISO’s Board approved the 2016 RNA at its October meeting. The final 2016 Reliability Needs Assessment (RNA) found that: (a) the resource adequacy criterion is met throughout the Study Period and (b) two security related transmission Reliability Needs exist in portions of the Bulk Power Transmission Facilities (BPTF) beginning in 2017. They are the New York State Electric & Gas Corp. (NYSEG) Oakdale 345/115 kV transformer, and the Long Island Lighting Company d/b/a Long Island Power Authority (LIPA) East Garden City to Valley Stream 138 kV line. At the November 7, 2016 ESPWG/TPAS meeting: (a) the responsible Transmission Owners reported to the stakeholders information regarding updates in their LPTs LTPs that could affect the identified Reliability Needs, and (b) the NYISO reported changes in the Reliability Needs as a result of the updated LTPs and other system changes. The NYISO concluded that, based on the LTP updates, the two Reliability Needs are eliminated.

The 2016 Comprehensive Reliability Plan (CRP) is the next phase of the Reliability Planning Process, following the 2016 RNA. The 2016 CRP will be presented to the ESPWG at its December 7, 2016 meeting.

**9.2 CARIS** – The CARIS 2 base case is complete and no specific 2016 CARIS 2 project proposals were submitted as of October 31, 2016. Empire Connector has requested an additional CARIS study, assessing the economic impact of a new transmission facility connecting Marcy and New York City. The study is now complete. PPL Electric Utilities has requested an additional CARIS study, assessing

the economic impact of a new transmission facility connecting Lackawanna, PA and Ramapo, NY. This study is on-going.

The NYISO staff is continuing its internal assessment of appropriate metric methodologies for estimating the capacity benefits of transmission projects as well as other potential metrics of project impact.

- 9.3 Public Policy Transmission Planning Process** – On July 16, 2015, the PSC declared a Public Policy Transmission Need (PPTN) in Western New York. The solicitation for solutions was issued on November 1, 2015 and solutions were due on December 31, 2015. The NYISO reviewed 15 proposals received from eight developers and performed the Viability and Sufficiency Assessment (VSA). The draft VSA was issued on April 29, 2016, and the final report was published on May 31, 2016. The NYISO identified ten viable and sufficient projects and recommended certain non-bulk transmission upgrades also be made to fulfill the objectives of the transmission need identified by the PSC. On October 13, 2016, the PSC issued an Order confirming the WNY PPTN and directed the NYISO to proceed with the evaluation and selection of more efficient or cost-effective transmission solutions. On December 17, 2015, the NYPSC issued an Order finding that there is a transmission need driven by Public Policy Requirements to increase transfer capability of the Central East and UPNY/SENY interfaces. The NYISO issued a solicitation for solutions on February 29, 2016, and received 16 projects by April 29, 2016. The NYISO performed VSAs, and published the draft VSA report on September 21, 2016. On October 27, 2016, the NYISO published the final VSA report identifying 13 projects that are viable and sufficient and then filed with the PSC including the cost allocation method on October 28, 2016.

On August 1, 2016, the NYISO initiated the 2016 Public Policy Transmission Planning Process (PPTPP) cycle by issuing a solicitation for proposed transmission needs driven by Public Policy Requirements. Proposed needs were submitted to the NYISO by 12 entities on September 30, 2016. On October 3, 2016 the NYISO filed the proposals with the NYPSC, for its consideration. The NYPSC has solicited public comments by December 5, 2016 on the proposed public policy transmission needs, which primarily focus on fulfilling the New York State Clean Energy Standard through transmission to deliver renewable resources to consumers. If the NYSPC determines that there is a need for transmission, the NYISO will solicit projects from developers to fulfill that need.

- 9.4 NYISO Clean Power Plan (CPP) Study** – The objective of the NYISO CPP study is to provide input to the State’s planning process on issues relating to electric system reliability, efficiency and emissions. A presentation with results of Phase 1 was made to the ESPWG on July 5, 2016. The NYISO will conduct resource adequacy analysis for the year 2030 as Phase 2 of the study and issue a final report by the end of 2016.

**9.5 Interregional Transmission Studies**

**i. EIPC Study** – Phase I – The final 2015 EIPC Roll-up Report was completed in March 2016 and posted to the EIPC website: <http://www.eipconline.com/non-doe-documents.html>.

In Phase II, two webinars were scheduled to provide EISPC with overviews of the Regional and Interregional Planning Processes under FERC Order 1000.

**ii. IPSAC** – The Joint ISO/RTO Committee (JIPC) reviews ongoing interconnection projects that may have interregional impacts. Through 2016, the JIPC will continue efforts to develop and improve procedures for interregional coordination. Also, the JIPC is continuing to develop, coordinate and maintain an interregional production cost data base.

The next IPSAC webex meeting is scheduled for December 9, 2016.

- 9.6 Other Studies/Activities** – None

- 10.0 Market Initiatives Impacting Reliability** – Mr. Mukerji (NYISO) discussed updates to market initiatives that are felt to have significance from a reliability perspective.

The Behind the Meter: Net Generation Model will clearly explain rules whereby generation that’s whose primary purpose is to serve onsite load can sell its excess generation into the wholesale electric markets.

The NYISO received stakeholder approval of the market design in December 2015 and has received FERC approval of the relevant tariff changes. The NYISO has implemented the software and is preparing to facilitate participation in mid December 2016.

The Comprehensive Shortage tariff changes were implemented in November 2015. The Comprehensive Scarcity pricing tariff changes were implemented in June 2016. Improvements to fuel and performance incentives are aimed at creating additional incentives for ICAP suppliers to be available on critical operating days. The NYISO is recommending suspension of efforts on fuel constrained offers to evaluate the potential needs of energy storage and distributed energy resources. After developing a greater understanding of potential market needs, further work will be prioritized and completed.

The NYS Public Service Commission (PSC) initiated the “Proceeding on Reforming the Energy Vision (REV)” with the goal of aligning electric utility practices and the regulatory paradigm with technological advances in information management, power generation, and distribution. These changes include: (a) a new business model in which Distributed Energy Resources (DERs) become a primary tool in the planning and operation of electric systems. Utilities would be encouraged to invest in DERs that help to avoid or defer the need for more historically traditional distribution system investments and (b) the establishment of a Distributed System Platform Provider (DSPP) that actively manages and coordinates DERs while providing a market in which customers are able to utilize DERs in response to dynamic system conditions. Such customers would provide, and be compensated for, any system benefits associated with their responses. The NYISO is supporting efforts by the Joint Utilities reviewing ISO-DSP interaction and coordination.

FERC directed the NYISO to develop and file a set of rules to designate resources for Reliability Must Run (RMR) service to ensure the continued reliable and efficient operation of the power system and the NYISO Markets. The structure and administration will require: (a) specifying the retirement notification obligations, (b) a process for evaluating alternative solutions, (c) definition of compensation and cost allocation provisions, and (d) expectations for participation in the capacity and energy markets. A proposed solution framework was developed by the NYISO and filed with FERC. In addition, the NYISO is exploring enhancements to its long-term planning process to support identification and development of solutions for potential generator retirements. FERC has ruled giving the NYISO further compliance obligations in its ruling on the RMR proposal. The NYISO has developed and filed the further compliance requirements with input from the stakeholders.

The NYISO has initiated stakeholder discussion on evaluating alternate Methodologies for Setting Locational Capacity Requirements (LCRs). There are multiple possible approaches to determine the LCR requirement for a Capacity Zone after the IRM has been set under NYSRC’s Policy 5. The NYISO recognizes that some methodologies may require modifications to the NYSRC’s Policy 5 which must be approved by the NYSRC.

The NYISO continued discussions with stakeholders on alternative methods for determining Locational Minimum Installed Capacity Requirements (LCRs). This effort will look for ways to optimize LCRs based on minimizing capacity costs statewide while maintaining: (a) the maximum Loss of Load Expectation criteria, and (b) addressing any cost allocation rules to ensure that loads are paying their fair share of capacity costs. The NYISO reviewed preliminary results in September 2016 and the draft methodology in October 2016. The NYISO expects to review the results produced by this methodology in December 2016 and will discuss these results with stakeholders and the NYSRC’s ICS – **AI #212-x**. The Demand Curve Reset process has been initiated to perform a reassessment of the capacity market demand curve parameters to be effective beginning with the 2017 Summer Capability Period. The Analysis Group has been selected to perform the study and has facilitated discussions on potential peaking unit types, the gross cost of such units, and the potential energy and ancillary service revenues available to the different unit types and locations. The Analysis Group has issued its final report with recommendations on the demand curve parameters. The NYISO filed its recommendations with FERC in November 2016.

Since the announcement of the NYS PSC REV initiative, there has been a growing interest in Wholesale Market Participation of Storage Resources. Currently, the NYISO has several resource classifications that can accommodate participation of storage in the wholesale markets including: (1) Energy Limited Resource (ELR); (2) Limited Energy Storage Resource (LESR); and, (3) Demand Side Ancillary Services Program (DSASP). New storage resource characteristics may facilitate additional opportunities to participate in the markets. The NYISO initiated discussions in the Market Issue Working Groups to engage stakeholders in: (1) a review of resource characteristics, (2) existing market rules that define the opportunities for storage resources to participate in the markets, and (3) an evaluation of revisions that may be necessary to accommodate new storage resources. At the end of September 2016, the NYISO reviewed market concepts and an anticipated timeline for pursuing revisions to the market capabilities. The NYISO MMU has raised concerns with the capacity market pricing outcomes if resources located in import constrained localities sell their capacity to external control areas (Capacity Exports from Localities). The NYISO has initiated discussions with stakeholders on reviewing the underlying market concerns and the MMU's proposed solution, and is reviewing methodologies for evaluating the impacts of a locality capacity export to the IRM and LCRs with ICS. Stakeholders approved an approach for reflecting Capacity Exports from Localities in the 2017/2018 Capacity Markets, encouraging: (a) ongoing analysis and development of market rules for enhancing the modeling treatment for future years and (b) providing for a default treatment for future years if additional modifications are not approved.

## **11.0 Other Items**

**11.1 NYISO Monthly Operations Report** - Mr. Yeomans indicated that the Operations Report for November 2016 will not be available until next week.

**11.2 Winter 2017 Assessment** – Mr. Yeomans reported that for projected base conditions and expected performance of the transmission, generation, and gas pipeline infrastructure, the NYISO expects to meet the reliability criteria throughout the winter of 2016-17. Capacity margins for NYCA and NYC are expected to be 10,963Mws and 5,281Mws for normal weather and 9,359Mws and 4,779Mws for 90<sup>th</sup> percentile weather, respectively. For the “loss of Gas” case the margins are 6,961Mws, 3,621Mws, 5,357Mws and 3,119Mws, respectively. Natural gas underground storage is full entering into this winter season.

The seasonal generator fuel surveys indicate sufficient starting oil inventories and arrangements for replacement fuel oil for oil burning units. Minimum oil burn procedures, as defined by the NYSRC's IR-3 and IR-5, are in effect. The Northeast Interstate Pipeline System is displayed on the operators' video board and a web-based, fuel survey “portal” provides generator fuel information to the operators. An emergency communications protocol is available to communicate electric reliability concerns to pipeline and gas LDCs during tight electric operating conditions.

Market enhancements include: (a) Enhanced Shortage Pricing, (b) increased Total Operating Reserve Requirement, and (c) Enhanced Scarcity Pricing for Demand Response activations.

Winter challenges continue to be: (a) Gas availability, (b) Extended cold weather, (c) Emissions from dual fuel capability, and (d) New gas pipeline siting.

**11.3 North American Energy Standards Board (NAESB)** – Mr. Ellsworth noted that the NAESB Board will be meeting on December 8, 2016.

**12.0 Visitors' Comments** – None

### 13.0 Meeting Schedule

<b>Mtg.</b>			
<b><u>No.</u></b>	<b><u>Date</u></b>	<b><u>Location</u></b>	<b><u>Time</u></b>
213	January 12, 2017	NYISO Krey Control Center, Rensselaer, NY.	9:30 A.M.
214	February 10, 2017	NYISO Krey Control Center, Rensselaer, NY.	9:30 A.M.

The Executive Committee Meeting #212 adjourned at 2:30 P.M.