

DRAFT Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 226
February 9, 2018
Conference Call

Members and Alternates

In Attendance:

Roger Clayton, P.E.	Unaffiliated Member – EC Chair, RRS Chair, RCMS Chair
George Loehr	Unaffiliated Member
George Smith, P.E.	Unaffiliated Member
Bruce Ellsworth, P.E.	Unaffiliated Member*
Curt Dahl, P.E.	PSEGLI - Member
Ray Kinney	NYSEG and RG&E – Alternate Member
Frank Pace	Central Hudson Gas & Electric – Member
Mayer Sasson	Consolidated Edison Co. of NY, Inc. - Member
Mark Domino, P.E.	National Grid, USA-Alternate Member*
Sunil Palla	New York Power Authority (NYPA) – Member
Mike Mager	Large Consumer - Member
Matt Schwall	Wholesale Seller – Member*
Chris Wentlent	Municipal & Electric Cooperative Sector – Proxy for M Cordeiro – Alternate Member

Other Attendees:

Paul Gioia, Esq.	Whiteman, Osterman & Hanna, LLP – Counsel
Al Adamson	NYSRC Treasurer and Consultant
Mariann Wilczek	PSEGLI – ICS Chair
Carl Patka, Esq.	New York Independent System Operator (NYISO)
Zach Smith	New York Independent System Operator (NYISO)
Nicole Bouchez	New York Independent System Operator (NYISO)*
Wes Yeomans	New York Independent System Operator (NYISO)
Martin Paszek	Consolidated Edison Co. of NY, Inc.
Phil Fedora	Northeast Power Coordinating Council, Inc.
Vijay Puran	NYS Department of Public Service
Herb Schrayshuen	NYSRC EC Secretary

“*” Denotes part-time participation in the meeting

- 1. Introduction** – R. Clayton, EC Chair called the NYSRC Executive Committee Meeting No. 226 to order at 9:30 a.m. on February 9, 2018. A quorum of thirteen Members and Alternate Members of the NYSRC EC was established. C. Wentlent was designated by M. Cordeiro to represent the Municipal and Cooperative Sector.
 - 1.1. Visitors** – The attendees on the phone were identified.
 - 1.2. Requests for Additional Agenda Items** – R. Clayton offered an additional item regarding NYSRC representation in NPCC processes as Agenda Item #3.2.6.

- 1.3. **Previous Executive Committee Meeting** – R. Clayton reported on the Executive Session of the EC meeting on January 11, 2018. He reported the retirement of R. Bolbrock from the EC and a preliminary discussion on candidates for the election of the Vice-Chair to the Executive Committee.
- 1.4. **Executive Session Topics** – Two Executive Session topics were proposed dealing with the election of a Vice Chair of the EC and discussion regarding the plans for qualifying a placement for R. Bolbrock as Municipal and Cooperative Sector EC member. P. Gioia noted that the NYMPA expects to implement the formal process in May of 2018 (AI 226-1).
- 1.5. **Declarations of Potential “Conflict of Interest”** – There were no declarations of potential conflicts of interest reported by the independent EC members.

2. Meeting Minutes/Action Items List

- 2.1. **Approval of Minutes for Meeting No. 225 (January 11, 2018)** – H. Schrayshuen introduced the revised draft minutes of the January 11, 2018 EC Meeting (Attachment #2.1) which included all comments received. Minor editorial changes were offered by P. Gioia and P. Fedora during the meeting. G. Smith made a motion to approve the minutes of Meeting #225 as modified. The motion was seconded by M. Mager and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting # 225 posted on the NYSRC website.
- 2.2. **Review of Outstanding Action Items List** – H. Schrayshuen presented the Action Item List in Attachment #2.2 noting the addition of several administrative action items that had been offered by P. Gioia after the prior EC meeting. P. Gioia noted that the Delaware Tax payment (AI 226-1) is due before March 1, 2018 and is expected to be completed on time. P. Gioia noted that work on AI 224-2 (MDMS2 Intellectual Property) was underway and would be reported on more fully next month.

3. Organizational Issues

3.1. Summary of Receipts & Disbursements

- 3.1.1. **Statement of Cash Receipts and disbursements** – A. Adamson presented Attachment #3.1.1 - Statement of Cash Receipts and Disbursements for January 2018. He reported that the December 2018 call for funds has been completed. A. Adamson reported that the IRS 1099 forms have been issued along with a required related IRS 1099 reporting summary filing.

3.2. Code of Conduct – P. Gioia

- 3.2.1. **Changes to the NYSRC Roster** – H. Schrayshuen reported that a revised roster of participants and other interested parties for the NYSRC EC has been posted on the website to reflect the retirement of R. Bolbrock. He also advised that those wishing to communicate with the EC should update their email lists they use, or alternatively send their request for distributions to the EC to H. Schrayshuen for distribution.
- 3.2.2. **NYSRC Code of Conduct** - H Schrayshuen reported that all required conflict disclosure forms for 2018 have been received.
- 3.2.3. **Renewal of NYSRC membership in NERC** – H. Schrayshuen reported that NERC has requested an affirmation of the membership of all of its members. A statement affirming that NYSRC is appropriately entered in the ISO/RTO sector for membership services has been submitted to NERC along with the necessary administrative changes to the NYSRC’s NERC membership records.
- 3.2.4. **Status of Delaware Tax payment (AI 226-1)** – P. Gioia reported that the annual Delaware Tax payment is due March 1, 2018 and is in process to be paid in the coming week.
- 3.2.5. **Discussion of IRM Voting Options Working Group Report Attachment #3.2.5 revised (AI 224-1)** – P. Gioia opened the discussion noting the working group was interested in obtaining the input of the EC on the various options. A. Adamson advised the EC that the final recommendations

of the working group should be made available early in 2018 to allow for a revision and approval of this and other ICS changes to Policy 5 that would be required prior to the next IRM vote at the end of 2018. M. Sasson noted that the last IRM decision was the first time that the approved IRM was other than a whole or half-integer. He led the EC's discussion of the four IRM voting process modification options developed by the IRM voting working group using a table of examples. He provided a detailed review of the past practices, working group comments regarding the steps in the process and the options, noting the advantages and disadvantages of each. Two additional options were also developed and discussed. All options were proposed by the EC for further analysis and development by the working group. R. Kinney reminded the EC that in the prior discussions the NYISO stated that the processes employed by the NYISO could not deal with outcomes that result in hundredths of a percent. M. Wilczek noted a similar concern with the Locational Capacity Requirement methods used by the NYISO. As a result, a discussion with the NYISO on the voting modification options is planned to occur prior to the next EC meeting. M. Sasson noted the design objective is to have an EC decision with at most three rounds of voting. Discussion regarding eliminating options 2 and 4 resulted in a conclusion that it would be premature to eliminate process change options prior to discussion with the NYISO. Given the EC feedback and the need to confer with the NYISO, there will be a further report on the project at the next EC meeting (**AI 224-1- to be revised to reflect the new due date**).

3.2.6. Discussion regarding NYSRC representatives for NPCC – R. Clayton noted that with the changes in roles within the NYSRC EC the designees for various roles within NPCC need to be decided and that NPCC should be informed of the designated individuals. After discussion it was concluded that the NPCC member representative and alternate member representative would be the EC Chair and Vice Chair, the NPCC Reliability Coordinating Committee (RCC) member and alternate would be the EC Chair and Vice Chair. It was also decided that A. Adamson would fill the role of NPCC Regional Standards Committee representative (with no alternate member). There will be no NPCC Compliance Committee representative from the NYSRC. R. Clayton will write a letter to inform NPCC regarding the individuals designated to fill the roles (**AI-226-1**).

4. Installed Capacity Subcommittee (ICS) Status Report/Issues – M. Wilczek, ICS Chair – Attachment #4.1

4.1. ICS Chair Report - M. Wilczek addressed the ICS report details as shown in Attachment #4.1. She reviewed the ICS task List noting that no whitepapers are expected to be needed in 2018. The next ICS meeting will be the approval meeting for the task list. She reviewed each of the tasks as outlined in the report and identified each of the key assumption related decisions taken by the ICS. The load shape question raised in the last EC meeting was discussed with the NYISO. A new section in the ICS action list has had a number of NYISO market initiatives added so the ICS can keep track of market changes that might impact the IRM study.

4.2. 2019 IRM Study Milestones Schedule - Attachment #4.3 – M. Wilczek led the EC through the milestone schedule planned for 2018 (similar to 2017) noting some of the improvements made in particular coordination with GE regarding certain MARS database quality assurance steps. She called the meeting participants' attention to each major step and noted those milestones where the EC review and approval is called for. M. Sasson moved to approve. G. Loehr seconded the motion and the motion was approved (13-0)

4.3. Additional ICS issues

4.3.1. 2020 & 2021 IRM forecast - M. Sasson raised the question regarding the potential need for a study to look ahead more than one year (to 2020 and 2021) at the IRM noting the scheduled deactivations of the Indian Point generating units. He suggested an approach relying on the same

database the NYISO uses for the Reliability Needs Assessment (RNA). He offered this suggestion because the RNA process develops many of the needed assumptions. Z. Smith outlined the degree to which the RNA assesses resource adequacy noting it is limited to identifying whether the Loss of Load Expectation criteria is being met in accordance with the NYISO tariff. The process does not develop an Installed Reserve Requirement. He offered the opinion that the RNA process is not the proper place to forecast the IRM and that this additional work would require significant additional NYISO staff resources. Also, M. Wilczek noted the NYISO staff is currently heavily engaged with the Locational Capacity Requirement process redesign effort. In consideration of the discussion, the EC directed that the ICS consider M. Sasson's proposal and respond at the next EC meeting. M. Wilczek will report to the EC on the ICS deliberations at the next EC meeting (AI 226-7).

5. Reliability Rules Subcommittee (RRS) Status Report/Issues –R. Clayton, RRS Chair

- 5.1. RRS Status Report & Discussion Issues – Attachment #5.1-** R. Clayton reported on the status of the RRS activity identifying that there are two PRRs under development. PRR 128 continues to be tabled pending outcomes in the NPCC A-10 criteria review. PRR 140 (NYCA IRM) and PRR 141 (LSE ICAP Requirements) clarifications are awaiting further developments with a likely request in March 2018 to the EC for posting for comments. R. Clayton noted that the development of a draft agenda for the DER seminar is underway as listed in Attachment #5.1. G. Smith suggested that one topic is voltage ride-through. R. Clayton also suggested that energy storage should be added to the list. He invited all EC members to provide input (AI-226-8)
- 5.2. New/Revised Reliability Rules Outstanding – Attachment #5.2**
No comments have been received to date on PRR 139 (Loss of Gas Supply to New York City).
- 5.3. PRRs for approval**
- 5.3.1. PRR 139-Loss of New York City Gas Supply – Attachment #5.3 -** R. Clayton noted that no comments have been received and that the RRS has recommended that the EC approve PRR 139 as final. M. Sasson made a motion to approve the Rule. G. Loehr seconded the motion which was approved (13-0).
- 5.4. Other RRS Issues –**
- 5.4.1. Request from Con Edison for approval to remove NYSRC Rule exceptions #8, #17 and #18 –** M. Sasson provided explanation outlining the configuration and Special Protection Systems (SPS) utilized by the transmission system serving the Indian Point Plant. He provided the basis for the original exceptions and stated the reason for the request as presented in Attachment #5.4.1. The request proposes to remove the three exceptions associated with the Indian Point Plant once the plant is deactivated. He advocated the EC making the decision now so that the NYISO will have the information regarding the state of the system (and related SPS) for study purposes. The NYISO indicated that it had analyzed the proposal and have no objections. W. Yeomans reported that the NYISO can meet reliability requirements if the three exceptions are removed after the plant is deactivated. S. Palla asked whether the recent planning study transfer limit is relied on the exceptions. M. Sasson noted that transfer limits are not determined using the exceptions. Z. Smith said that the NYISO considers all relevant exceptions for transfer limit determination and was not sure whether the exceptions had been invoked for planning purposes. P. Gioia noted that the request is several years in advance of the implementation. He suggested that Con Edison and NYISO would submit statements prior to deactivation to verify that no system changes have occurred. R. Clayton reviewed Policy 1 and advocated for an RRS review prior to approval by the

EC at its next meeting. However, after extensive discussion and because the request is for removal (and is not an exception change) an RRS review of the exception removal is not required by Policy 1. M. Sasson reviewed the text of Policy 1 and noted that a technical assessment and RRS review of the technical assessment is not required in the event of an exception removal and noted there was no reason for a different approach in this case. R. Clayton noted that in its prior meetings, the RRS did not have a full understanding of the exceptions. R. Clayton noted that the RRS has not had adequate time to review the proposal and to offer a technical opinion regarding the removal of the exceptions. H Schrayshuen asked whether the removal of the exceptions would have any impact on the reliable delivery of power to the site for the maintenance of nuclear spent fuel. M. Sasson noted that the removal of exceptions will enhance reliability to the plant site. M. Paszek noted that removal of the special protection systems would reduce the chances for misoperation and therefore improve reliability to the plant site. That the removal of the exceptions will not affect reliability was affirmed by the NYISO but W. Yeomans noted the NYISO has not issued a written communication to that effect. He noted that the RRS has ample time to review the removal before Indian Point deactivation. P. Gioia suggested that the motion to remove the exceptions should include a requirement that Con Edison confirm in a statement that there will be no adverse reliability impact upon their removal since the request for removal is several years in advance of the implementation. After further discussion, M Sasson made the following motion:

The Executive Committee hereby approves the removal of Exceptions 8, 17 and 18, contingent on the retirement of the Indian Point generating units. Con Edison and the NYISO will submit a statement to the NYSRC before the exceptions are actually removed to confirm that, under the system conditions that exist at that time, the removal of the exceptions will not result in any reliability criteria violation.

G. Loehr seconded the motion which was approved by the EC (13-0).

5.4.2. Impact of DER on the NYCA – R. Clayton requests the EC members to provide suggested topics. This topic was covered in more detail under Agenda Item #5.1. See AI 226-8.

6. Reliability Compliance Monitoring Subcommittee (RCMS) Status Report –R. Clayton, RCMS Chair

6.1. 2017 Reliability Compliance Program – Attachment #6.1

6.1.1. R. Clayton reviewed the report of RCMS meeting #216. He noted that RCMS found the NYISO in full compliance with Real Time Operations of the NYS BPS (C8:R1) for December 2017. The January 2018 the Real Time Operations report was not available for the RRS meeting.

6.2. RCMS Status Report –Attachment #6.2

6.2.1. R. Clayton reviewed the attachment.

6.3. 2018 Reliability Compliance Program – Attachment #6.3 – A Adamson reviewed the attachment providing the first year of a three-year plan for reviewing NYSRC requirement compliance. G. Smith made a motion to approve the 2018 Reliability Compliance Program in Attachment #6.3. C. Dahl seconded the motion, which was approved (13-0).

6.4. Additional RCMS Items - RCMS found the NYISO in full compliance with the 2018 G2: R3 and R4 regarding dual fuel testing and minimum oil burn.

7. Environmental Report – R. Clayton noted that there had been no meeting with the NYS DEC since the last EC meeting. He called the EC members' attention to the schedule for the next meeting with the NYSDEC on February 22, 2018. He also noted the EC has received an invitation from the City of New York to participate in hearings and provide testimony in a future conference regarding regulations pertaining to wind

turbines in New York City. R. Clayton noted that the NYSRC typically does not participate in this type of event. A response declining the invitation will be prepared and submitted by R. Clayton (AI 226-9).

8. NERC/NPCC Standards Tracking – A. Adamson called the meeting participants’ attention to Attachment #8.1 noting very little NERC standards balloting activity. There were no questions regarding the NERC standards or ballots.

9. Reliability Initiative – G. Smith, G. Loehr

- 9.1. MDMS Phase 2 Project Status -Intellectual Property issues** – G. Smith noted the intellectual property related legal provisions review effort is still underway and will be more completely reported on by P. Gioia at the next EC meeting (AI 225-2).
- 9.2. MDMS Phase 2 Project Status – Project Status** - G. Smith reviewed the project meeting notes from January 22, 2018 in Attachment #9.1.2 and discussed the handling of Critical Electric Infrastructure Information. He noted that there is an effort underway to standardize control of confidential information using the NYSRC Non-Disclosure Agreements once NY PSC permission to do so is received. Anyone working on the project must sign individual NYSRC Non-Disclosure Agreements. S. Palla noted the possibility that NYPA will require different handling from the proposed approach for the investor-owned transmission owners for its confidential information. S. Palla will confer with Paul Gioia on the matter (AI 226-10). G. Smith described the process of gathering the needed confidential protection system information and there will be a conference scheduled for February 14, 2018. He noted that behind the meter DER information is being solicited from the transmission owner project participants. He requested that the transmission owners consider reducing the number of participants to those currently listed on the project team roster.

10. State/NPCC/Federal Activities

- 10.1. NPCC Board of Directors Report** – H Schrayshuen (for M. Forte) directed the meeting participants’ attention to the report in Attachment #10.1 from M. Forte summarizing the policy input provided by NPCC to the NERC Board of Trustees.
- 10.2. NPCC Report**– P. Fedora reported that the NPCC Board has approved the NPCC corporate goals for 2018. A link will be distributed to the EC meeting participants. The next meeting of the RCC on February 28 will include approval of the A-10 Phase 2 action plan, and discussion of the A-10 method selection criteria. The winter 2017-2018 operations lessons learned and a review of recently issued NPCC report on gas system disruptions will also be among the topics covered.

11. NYISO Status Reports/Issues

- 11.1. NYISO System and Resource Planning Status Report, November, 2017-** Z. Smith – Attachment #11.1
Z. Smith reviewed the status of the selected planning activities as presented in the attachment. He noted the start of the RNA process and recommended EC meeting participants follow along via ESPWG. The CARIS draft report has been released for comment. He encouraged that comments be submitted.
- 11.2. NYISO Markets (items relevant to reliability)** – N. Bouchez - Attachment #11.2
N. Bouchez reviewed the submitted NYISO Markets report in Attachment #11.2 covering several topics. She called the meeting participants attention to the approach to Capacity Exports from localities

which is continuing to look at the modeling in light of the tariff rules. The NYISO is considering a simplified model proposed by the NY TOs. Pursuant to a request from M. Mager, she committed to provide a timeline for this effort (AI 226-11). The capacity zone elimination method is still under development to address all reliability needs. The proposed approach is on the next NYISO BIC agenda for stakeholder approval. P Gioia requested information regarding the November 2018 FERC Pseudo Tie Order relating to the question of whether NYISO permission is required before a generator can be assigned to PJM. N. Bouchez will provide a reply (AI 226-12). The market assessment to accommodate public policy remains underway. Regarding performance assurance, a completed assessment of performance standards has been provided from the Analysis Group. A number of the concepts for further consideration are under review within the NYISO and recommendations from the NYISO are expected to be released by the end of February 2018.

11.3. NYISO Monthly Operations Report_–W. Yeomans – Attachment #11.3

W. Yeomans reviewed the operating results for January 2018 as outlined in Attachment #11.3. A presentation on the cold snap will be provided at the March 9, 2018 meeting (AI 226-12). Since the end of the cold snap there has been intermittent cold weather which has occurred in shorter intervals. Peak load for January 2018 was 25,081 MW which will likely be the 2017-2018 winter peak. Gas prices did exceed oil prices for some of the period cold snap period. There were 9.4 hrs of NERC TLR level 3 curtailments in January.

12. NAESB Report_– B. Ellsworth
No Report

13. Visitor Comments & Offer of thanks
There were no visitor comments.

14. Adjournment of the EC Open Meeting

Executive Committee Meeting #226 was adjourned at 12:20 P.M. An Executive Session of the EC followed the conclusion of the open meeting.

15. Future Meeting Schedule

Meeting No.	Date	Location	Time
#226	March 9, 2018	Albany Country Club	9:30 AM