

Draft Minutes

**New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 239
March 8, 2019
Wolferts Roost Country Club
120 Van Rensselaer Blvd. Albany, NY 12204**

Members and Alternates in Attendance:

Roger Clayton, P.E.	Unaffiliated Member – EC Chair, RRS Chair, RCMS Chair
Mayer Sasson	Consolidated Edison Co. of NY, Inc. – Member – Vice Chair
George Loehr	Unaffiliated Member
Bruce Ellsworth, P.E.	Unaffiliated Member
George Smith, P.E.	Unaffiliated Member
Frank Pace	Central Hudson Gas & Electric – Member
Mike Ridolfino	Central Hudson Gas & Electric – Alternate Member
Mark Domino, P.E.	National Grid, USA – Alternate Member
Bruce Fardanesh	New York Power Authority-Member
<u>Tim Lynch</u>	<u>NYSEG & RG&E-Alternate Member</u>
Curt Dahl, P.E.	PSEG-LI- Member
Matt Schwall	Independent Power Producers of NY- Wholesale Sellers Sector- Member
Mike Mager	Couch White - Large Consumer Sector – Member
Chris Wentlent	Municipal & Electric Cooperative Sector – Member

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Other Attendees:

Paul Gioia, Esq.	Whiteman, Osterman & Hanna, LLP – NYSRC Counsel
Al Adamson	NYSRC Treasurer and Consultant - Phone
Howard Kosel	Consolidated Edison Co. of NY, Inc. – ICS Chair
Phil Fedora	Northeast Power Coordinating Council, Inc.
Commissioner Burman	NYS Public Service Commission - Phone*
Leka Gjonaj	NYS Department of Public Service
Carl Patka	New York Independent System Operator (NYISO)
Emilie Nelson	New York Independent System Operator (NYISO)
Zack Smith	New York Independent System Operator (NYISO)
Rana Mukerji	New York Independent System Operator (NYISO)
Rich Gonzales	New York Independent System Operator (NYISO)
Herb Schrayshuen	Power Advisors, LLC – EC Secretary
Cori Tackman	Power Advisors, LLC – Phone*
Rich Bolbrock, P.E.	Phone
Mike Ruppert	JEM Engineering - Phone

*” Denotes part-time participation in the meeting

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Revised: April 6, 2019
Final: TBD

1. **Introduction** – R. Clayton, EC Chair called the NYSRC Executive Committee Meeting No. 239 to order at 9:30 a.m. on March 8, 2019. A quorum of 12 Members and Alternate Members of the NYSRC EC was established.

1.1. **Identification of visitors** – The attendees on the phone and visitors were identified.

1.2. **Requests for Additional Open Session Agenda Items** – none

1.3. **Request for Executive Session Agenda Items** – An executive session was not planned and no executive session items were requested.

1.4. **Report from Executive Session on February 7, 2019** – R Clayton reported that there was discussion on how to handle new entities such as “non-traditional” transmission owners or “transcos”. There was a briefing on the Eastern Interconnection Frequency Oscillation, which is still under NERC review and that more details will be presented when they become available. There was discussion of the NY Power Pool Tie Line Report, which establish ratings for transmission facilities and the potential need to update it. This update would be to create more consistency, address the implementation of NERC FAC-008, and the use new conductor types not currently included in the report. Z Smith mentioned that the actual document is a TO owned document and any changes would have to come through the TOs. Mark Domino stated that he is chairing the document review committee and a meeting is scheduled for March 21 to discuss the document. Lastly, R. Clayton mentioned that there are seven candidates for the open Unaffiliated Member EC position. Interviews are starting March 8, 2019.

1.5. **Declarations of Potential “Conflict of Interest”** – There were no declarations of new potential conflicts identified.

2. Meeting Minutes/Action Items List

2.1. Approval of Minutes for Meeting No. 238 (February 2019) – Attachment #2.1

H. Schrayshuen introduced the revised draft minutes of the February 8, 2019, meeting which included all comments received. M. Domino made a motion to approve the minutes of Meeting #238 as written. The motion was seconded by B. Ellsworth and unanimously approved by the EC members in attendance (13-0). The EC Secretary will arrange to have the final minutes for EC Meeting #238 posted on the NYSRC website.

2.2. **Review of Outstanding Action Items List – Attachment #2.2** - H. Schrayshuen reviewed and updated Attachment #2.2 based on the EC member comments.

3. Organizational Issues

3.1. Summary of Receipts & Disbursements

3.1.1. Statement of Cash Receipts and Disbursements – Attachment #3.1.1 - A.

Adamson presented Attachment #3.1.1 – Statement of Cash Receipts and Disbursements for February 2019, noting the end of month balance of \$167,513.85. A. Adamson noted that the Cash in Bank balance included a prepayment from one member.

3.1.1.1 – **Call for Funds** – A. Adamson requested a call for funds of \$25,000 due on April 1, 2019. M. Sasson made a motion for the call for funds as stated. The motion was seconded by M. Mager and unanimously approved by the EC members in attendance (13-0).

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3.1.2. Conceptual 2020 Budget – Attachment #3.1.2 – R Clayton discussed attachment #3.1.2, which is a conceptual 2020 budget. R Clayton called the EC members attention to the footnotes. The goal is to create a budget that is more in line with the actual expenses. M. Sasson noted that the previous \$50,000 contingency expense is not included in the conceptual budget because NYSRC already has these funds collected from prior periods. A. Adamson stated that for the purpose of recommending a quarterly call-for-funds, he does not now allow the estimated bank balance to drop below a cushion of \$50,000. C. Dahl noted that if a contingency expense is not included in the budget, asking for additional calls for funds when it appears that the actual bank balance may approach zero sounds simple but it is not so simple for the Transmission Owners and he would prefer more of a cushion to avoid additional call-for-funds requests.

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3.2. Audit Report - The audit report is a week behind normal schedule because changes in the tax law are increasing the auditor's tax return preparation work load. The audit reports will be distributed to EC members at the April EC meeting.

3.3. Report on NYSRC Code of Conduct Acknowledgement Form Receipts – H. Schrayshuen noted that Code of Conduct forms submittals have been completed by all of the EC Members and Alternates and all support staff. R. Clayton noted that RRS and RCMS are 100% completed and H. Kosel stated that all but one form is completed from ICS.

3.4. Procedure for Treatment of Information Received after EC IRM Approval – Attachment #3.4 - P Gioia reviewed attachment #3.4 with the meeting participants. P. Gioia stated that attachment #3.4 was developed in coordination with NYISO. It was noted that the last date for an IRM change is December 31, unless there are extraordinary circumstances. M. Sasson made a motion to approve the discussed process and incorporate it into Policy 5. M. Mager seconded the motion and it was unanimously approved by the EC members in attendance (12-0). A. Adamson suggested adding this procedure into Policy 5 when the other Policy 5 changes are presented to the EC by the ICS, in summer of 2019. P Gioia stated that he would assist with the Policy 5 additions. **(AI 239-1)**.

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3.5. Glossary Definition (Transmission Owners) – Attachment #3.5 – P. Gioia discussed attachment #3.5. He stated that he is using Transco as a general term and is not naming a specific entity. The question was brought up if a Transco entity would be eligible to be represented as a Transmission Owner in the NYSRC's governance process. P. Gioia stated that a main difference between a "traditional" Transmission Owner and a Transco is that a traditional Transmission Owner has a transmission service district and has a legal responsibility to maintain reliability in that district. P. Gioia suggested a clarification to include the words "transmission district" to the definition of "Transmission Owner". C. Patka asked for clarification whether this change would have any effect on the NYISO's definition of Transmission Owner and procedures. P. Gioia stated there would be no effect on the NYISO. He noted that the NYSRC Operating Agreement would have to be changed also. P Gioia stated he would come back to the April meeting with a specific recommendation for approval. The Transmission Owner members will obtain comments from their respective legal departments for the April meeting. **(AI 239-2)**

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3.6. Other Organizational Issues – P. Gioia informed the meeting participants that

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FERC approved the IRM filing on February 8, 2019 and [that](#) the [NYPSC](#) adopted the IRM and approved Version 43 of the NYSRC Reliability Rules and Compliance Manual.

4. Installed Capacity Subcommittee (ICS) Status Report/Issues – H. Kosel, ICS Chair

4.1. ICS Chair Report – Attachment #4.1 – H. Kosel reviewed attachment #4.1 – Summary of ICS meeting #217 on February 26, 2019. ICS discussed changing the EFORD from 5 years to 10 years per a market participant request. The NYISO did a presentation and [found](#) that there is little change in the data from 5 years to 10 years. With this finding and [the fact](#) that neighboring control areas use a 5-year EFORD, the NYISO recommended keeping the EFORD at 5 years instead of 10 years. This is still an open item per the market participant request. The External Area [review](#) is still [being revised](#), and a white paper is being developed for the May ICS meeting. NYISO wants to combine HQ and Cedars transfers to New York into a single assumption and then model HQ wheel to ISO-NE separately. The NYISO is working through these models and developing a white paper with a recommendation. This could result in a future Policy 5 revision. NYISO also presented information on Energy Storage Modeling. NYISO is expecting new software from GE to test the energy limitation modelling on a more granular level. NYISO will share its findings in another white paper. The NYISO also presented the process to update the IRM base case with respect to the EC approved IRM value so it can be utilized in the NYISO LCR study. The target for the 2019 LCR study is LOLE of 0.094 day/year.

4.2. Other ICS Issues – None

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 attachment #5.1 providing a summary of the February 28, 2019 RSS meeting. There are currently [three](#) PRRs under development. PRR 128 is still tabled. PRR 142 [has been posted to the NYSRC website](#) for discussion. The EC members discussed the distinctions between Special Protection Systems (SPS) and Remedial Action Schemes (RAS as defined by NERC). Some NPCC SPSs meet the definition of RAS, and some SPS do not meet the definition of RAS. For SPS [that](#) do not meet the definition of RAS there may be a reliability gap. An NPCC taskforce is reviewing this matter and P. Fedora will report back on their findings in the April EC meeting ([AI 239-3](#)). Regarding PRR 143, Loss of Gas Supply, specific to [Zone J](#), there was discussion on [whether](#) the NYSRC needs to develop a rule to make sure that there will be fuel on site to run. The NYISO gave a presentation and [the RRS came to the conclusion that there](#) does not appear to be the evidence of a problem. The NYISO has a strong audit and market procedures to ensure supply. The NYISO has a 2024 Fuel and Energy Security Study underway to examine fuel security. The study is due in the second quarter of 2019. RRS decided to table this PRR until after that study is completed. PRR 144 is open for comment. Comments are due March 29, 2019. R. Clayton discussed the potential PRR for Public Appeal estimates [for](#) IRM calculation. The concern is that that the public appeals numbers are inconsistent between TOs and not relied on if there is a deficiency. RRS is discussing whether

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to continue to reflect the impact of public appeals at all in the IRM base case assumptions and development. LIPA is currently working on quantifying their public appeals assumption. M. Mager brought up the question; why does LIPA have a public appeals assumption and the other TOs do not have a public appeals assumption? P. Gioia asked if the TO's could look into why they no longer report a Public Appeals assumption for the IRM analysis. (AI 239-4)

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5.2. List of Potential Reliability Rule Changes – Attachment #5.2 – R. Clayton stated that the table will be updated to show PRR 143 RRS Action changed from Under Development to Table pending NYISO Fuel Energy Security Study.

5.3. Other RRS Issues – R. Clayton mentioned that there would be discussion on the “Green New Deal,” “Climate and Community Protection Act,” as well as DER activity later in the meeting.

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

6.1. RCMS Status Report – Attachment #6.1 - R. Clayton reported on attachment #6.1, a summary of the Feb 28, 2019 RCMS meeting. R. Clayton reported that RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS (C8: R1) for January 2019. RCMS also found the NYISO in full compliance for, Transmission planning system performance requirements (B.1:R1 to R4), Establishing operating transfer capabilities (C.1: R1,R2) Outage coordination (C.3: R1 to R6), Extreme weather and severe solar magnetic disturbance operations (C.4: R1 to R3) and the 2018 NYCA transmission review (B.2:R1), with the caveat that any changes requested by NPCC in their upcoming review are referred back to the NYSRC for further compliance review.

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6.2. Other RCMS Issues – R. Clayton stated that the RCMS requested that the NYISO make a presentation on the new methodology for calculating LSE ICAP obligations.

7. NYISO Status Reports/Issues

7.1. NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1 – Z. Smith reviewed attachment #7.1 stating that the NYISO is currently working on the Comprehensive Reliability Plan. The NYISO presented the plan to stakeholders. In anticipation of the Peaker rule being approved by the NYS Department of Environmental Conservation (NYS DEC) as drafted, NYISO has been working with LIPA, ConEdison, and the NYS DEC to study how this rule will impact reliability. The rule as written has two phase-in dates of 2023 and 2025. As it stands today if the rule were to be implemented as written and the generators did not make any updates there would be a projected loss of 2000 – 2500 MW in 2023 with an additional loss of 1000 MW-1500 MW in 2025 with almost all of the affected units in New York City and Long Island. In the Comprehensive Reliability Plan the NYISO will present a well-documented scenario with Con Edison and PSEG-LI looking at all reliability impacts from this proposed rule. The first presentation will be on March 19, 2019 to the ESPWG/TPAS. The draft Comprehensive Reliability Plan will be presented in April and will be brought to the NYISO Board for final approval in July. The modified AC Transmission Report has been reviewed by the

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ESPWG and Management Committee. The report and all comments will be presented to the NYISO Board in April. [The Eastern Interconnection Planning Collaborative \(EIPC\)](#) Frequency Response Task Force is finalizing the public version of the frequency response analysis report.

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7.2. NYISO Markets Report – R. Mukerji - Attachment #7.2 – R. Mukerji discussed attachment #7.2 stating that the NYISO is looking into a separate reserve requirement for Zone J. The NYISO has requested that stakeholders implement a Zone J reserve by the summer 2019. The NYISO is working on whitepaper to examine the Green New Deal, focusing on what studies have been done and what studies need to occur to develop a process for the Deal implementation. Per a NYISO Board request, the NYISO is working on a report focusing on any gaps in reliability in a world with high levels of resource intermittence, focusing on where potential reliability challenges might occur. R. Mukerji will send the outline of the white paper to EC Secretary to distribute. (AI 239-5) The NYISO is working to align what is being done in the Energy Storage Market with the IRM. Implementation of the changes is expected to be done by 2021.

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7.3. NYISO Monthly Operations Report – E. Nelson - Attachment #7.3 – E. Nelson stated that Attachment #7.3 was not complete for the March meeting and will be distributed when completed. For the month of February, the NYISO experienced a Peak Load of 23,158MW on February 1. There was one significant wind event on February 24-26, when wind gusts reached up to 80 Mph in Western New York. There were no high voltage transmission outages but several 115 KV trips and recloses leaving roughly 75,000 out of service during the event. Due to the high winds the wind turbines went off line as an automatic safety measure. E. Nelson also noted that there are two upgrades underway. The first one is the 115KV line from Albany to Greenbush which will increase the thermal transfer capability from 186 to 237 MW. The second update mentioned is to accommodate the Cricket Valley generator coming online. A new 345kV ConEd owned line from Pleasant Valley to Cricket Valley is being constructed along with reconductoring of line #398. These were necessary to ensure transmission capabilities between NY and NE and should be completed prior to Summer 2019.

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8. Distributed Energy Resources (DER) – G. Smith – G. Smith discussed attachment #8.1 noting that the SPIDER working group did get the PRC-024 SAR initiated. SPIDER also released a draft of reliability guideline how to parametrize the DER_A model. P. Fedora mentioned that the Planning Committee did review the final draft and noted that the model does not work in all vendor software. The Planning Committee sent the draft back to SPIDER for more discussion of the modeling and testing. The scheduled New York ITWG meeting was postponed. The NPCC Regional Standards Committee will meet in May 2019, and G. Smith will attend that meeting. After a brief discussion regarding model development, Z. Smith mentioned that the current approach is to use conservative assumptions (from a reliability perspective) but as penetration levels increase that will be harder to do.

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8.1. Other DER Issues – None to report

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9. Environmental Status Report/Issues – C. Wentlent

9.1. For Information – Presentation Material from the January 31, 2019 RGGI Stakeholder Meeting – Attachment #9.1 – C. Wentlent reviewed attachment #9.1

summarizing the NYSRC/NYSDEC conference call on February 21. New Jersey and Virginia are proposing to join RGGI in 2020. The voting in the NYISO stakeholder process on Carbon Pricing will be moved to the second half of the year. The PSC approved an order to move forward with the installation of 1074 electric vehicle quick charging stations. The NYS DEC stated that they plan to finalize the coal regulation at the end of the year.

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9.2. Proposed NY DEC Peak Generation Emission Rule – Attachment #9.2 – C. Wentlent noted that the NYSDEC released the proposed rule on Feb 27, 2019. This rule will affect Simple Cycle and Cogeneration combustion turbines 15 MW or greater impacting up to 3,300 MW statewide. The rule as written has two phases. Phase one plans are due March 2020. Owners will need to submit their compliance plans. The rule provides owners alternative compliance approaches for example stopping operations during the ozone season or adding storage assets to bring down emission rates. The rule includes a reliability provision. If there is a NYISO recognized reliability gap, the generator may operate up to an additional two years, with a possible two-year further extension until a permanent solution is available. There will be three public statement hearings and written comments are due May 20, 2019.

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9.3. New York Green New Deal vs Climate Community Protection Act – Attachment #9.3 – Attachment #9.3 outlines the difference between the two plans. The New York Green New Deal timeline could result in passage during the budget vote or when the New York State legislative session ends at the end of June. The deal would result in increasing targets to 9,000 MW of off-shore wind, 3,000 MW of energy storage, and 6,000 MW of behind the meter solar generation. The NY Green New Deal also would create a 25-member Climate Action Council to include labor representatives, community representatives and possibly the NYSRC.

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10. NERC/NPCC Standards Tracking – A. Adamson – A. Adamson stated that he recently received notice from NERC that there are 18 standards with in which requirements are proposed for retirement that will be voted on.

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10.1. Report on discussion with the NERC RAS regarding NERC’s seasonal assessment & NYSRC IRM – R Clayton – R Clayton stated that he had a meeting with the NERC Reliability Assessment Subcommittee (RAS) and provided language for a footnote mentioning the NYSRC IRM process to be included in the NERC seasonal assessments that include system reserve margins.

10.2. NYSRC NERC standards ballot process – R Clayton – R. Clayton mentioned that this is still a work in progress.

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

11.1. Report on the status of the MDMS2 Project - Attachment #11.1 – G.

Smith reviewed attachment #11.1. MDMS2 had a face-to-face meeting on March 7, Quanta will pull together their results and present them in the future. G. Smith will provide an update at the next EC meeting.

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12. State/NPCC/Federal Activities – P. Fedora

12.1. NPCC Report – On Feb 27, 2019 the NPCC Reliability Coordinating Committee met and discussed the January 11 forced oscillation event, the 2019 Reliability Objectives and how the NPCC Reliability Coordinating Committee supports those goals. There were three SPSs (two Type 1 and a Type 2) modification approved and preliminary outlook for summer 2019 was reviewed. There will be a media release on the summer outlook in May following the NPCC Board of Trustee Meeting.

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12.2. NERC Report – P Fedora reported that the NERC Planning Committee met recently. He noted that R. Kowalski of ISO NE, is the new representative for the RTOs/ ISOs to the Planning Committee. There was a presentation on the January 11 event. There will be a strategic retreat in April of the NERC Planning Committee Executive Committee to review the plans of task forces and working groups. P. Fedora will send a link for the NERC OC, PC, and CIPC agendas. (AI 239-6)

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13. NAESB Activities – B. Ellsworth – B. Ellsworth noted that the NAESB Board met in February. DOE participant reported that the natural gas market is expected to grow from 84 BCF to 120 BCF. DOE has a concern on cyber security and the risk to the natural gas industry. FERC stated that they have an interest in cost recovery for gas supply needs and ensuring that such cost recovery was accounted for in the power generation segment. There was NAESB interest in the FERC in Order No. 849 and the potential need for storage and increased penetration of DER and that there may be need for commercial standards in the future.

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14. Visitor Comments – There were no visitor comments

15. Adjournment of the EC Open Meeting

The Executive Committee Meeting #239 was adjourned at 12:28 PM

16. Future Meeting Schedule

Meeting	Date	Location	Time
#240	April 11, 2019	Wolferts Roost Country Club 120 Van Rensselaer Blvd. Albany, NY 12204	9:30 AM

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