

Draft Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 251
March 13, 2020
Conference Call/WebEx

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 – EC Vice Chair |
| Rich Bolbrock, P.E. | Unaffiliated Member |
| Bruce Ellsworth, P.E. | Unaffiliated Member |
| George Smith, P.E. | Unaffiliated Member |
| Frank Pace | Central Hudson Gas & Electric – Member |
| Mark Domino, P.E. | National Grid, USA – Member |
| Tim Lynch | NYSEG and RG&E – Member |
| Rick Brophy | NYSEG and RG&E – Alternate Member |
| Bruce Fardanesh | NYPA – Member* |
| Curt Dahl, P.E. | PSEG-LI– Member |
| Mike Mager | Couch White-Large Customer Sector – Member |
| Matt Schwall | Independent Power Producers of NY-Wholesale Sellers Sector |
| Mark Younger | Hudson Energy Economics – Wholesale Sellers Sector – Alternate Member |
| Chris Wentlent | Municipal & Electric Cooperative Sector – Member |

Other Attendees:

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| Paul Gioia Esq. | Whitman, Osterman & Hanna, LLP – NYSRC Counsel |
| Al Adamson | NYSRC Treasurer and Consultant |
| Ruby Chan | Central Hudson Gas and Electric – ICS Chair |
| Greg Drake | NYRSC ICS Consultant |
| Phil Fedora | Northeast Power Coordinating Council, Inc. |
| Diane Burman | NY Public Service Commission |
| Leka Gjonaj | NYS Department of Public Service |
| Josh Boles | New York Independent System Operator* |
| Rick Gonzales | New York Independent System Operator* |
| Rana Mukerji | New York Independent System Operator* |
| Carl Patka | New York Independent System Operator |
| Robb Pike | New York Independent System Operator* |
| John Stevenson | New York Independent System Operator* |
| Zach Smith | New York Independent System Operator* |
| Wes Yeomans | New York Independent System Operator * |
| Herbert Schrayshuen | Power Advisors, LLC – EC Secretary |
| Norman Mach | Consolidated Edison Co. of NY, Inc |
| Cori Tackman | Power Advisors, LLC |

“*” Denotes part-time participation in the meeting

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Revised: April 7, 2020
Final: TBD

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1. Introduction – R. Clayton, EC Chair called the NYSRC Executive Committee Meeting No. 251 to order at 9:38 a.m. on March 23, 2020. An initial quorum of 12 Members and Alternate Members of the NYSRC EC was established. R. Clayton thanked H. Schrayshuen for getting the web-conferencing system setup and running.

1.1. Identification of Visitors – Visitors on the phone were identified.

1.2. Requests for Additional Open Session Agenda Items – No additional agenda items were requested. C. Patka did request that Wes Yeomans be permitted to present Agenda Item #7.3 as early as possible due to conflicts with other NYISO scheduled meetings.

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1.3. Request for Executive Session Agenda Items – There were no additional agenda items requested. R. Clayton stated that the current two Executive Session agenda items are, (1) discussion regarding the open Unaffiliated Member position, and (2) project closeout matters related to the MDMS2 project.

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1.4. Report on Executive Committee meeting of February 7, 2020 – R. Clayton stated that in the previous EC Executive Session there was discussion on the Unaffiliated Member candidates and there was discussion on the Resource Adequacy Working Group scope of work. Chris Wentlent will report on the Resource Adequacy Working Group activities during the open session (Agenda Item #10).

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

2. Meeting Minutes/Action Items List – H. Schrayshuen

2.1. Approval of Minutes for Meeting No. 250 (February 2020) – Attachment #2.1 – H. Schrayshuen introduced the revised draft minutes of the February 7, 2020 meeting, which included all comments received as of March 3, 2020. P. Fedora stated that he sent an email with minor editorial changes. M. Domino made a motion to approve the minutes of Meeting #250 including the proposed changes. The motion was seconded by M. Mager and unanimously approved by the EC members in attendance (12 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #250 posted on the NYSRC website.

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2.2. Review of Outstanding Action Items List – Attachment #2.2 – H. Schrayshuen reviewed and updated the action item list with meeting attendees input. Josh Boles reported on action item #250-4 and stated the NYISO does have the capability to produce Loss of Energy Expectation (LOEE) output results from MARS. J. Boles will discuss with the ICS the specific output data that is needed.

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3. Organizational Issues

3.1. Summary of Receipts & Disbursements – A. Adamson – A. Adamson stated that all members have paid the Call for Funds for the first quarter of 2020.

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

A. Adamson presented Attachment #3.1.1 – Statement of Cash Receipts and Disbursements for February 2020, noting the end of month balance of \$134,373.00 which includes all first quarter funds received. A. Adamson stated that the insurance costs may increase by \$5,000.00 over budget. A. Adamson also stated that he is projecting that the Engineering Services costs may exceed budget in 2020.

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3.1.2. Call for Funds Q2 2020 – A. Adamson recommends that the EC approve a \$30,000.00 call for funds for the second quarter 2020 with payment due April 1, 2020. M. Sasson asked for the cause of the increase from the projected \$25,000 call for funds. A Adamson stated that he would prefer to discuss this topic in the closed session. R. Bolbrock made a motion to approve the 2nd quarter call for funds for 2020. The motion was seconded by C. Dahl and was unanimously

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approved by the EC members in attendance (12 - 0).

3.1.3. **2019 Audit Report** – A. Adamson stated that the 2019 audit was completed. The audit report concluded as follows: “In our opinion the financial statements referred to above (in the audit report) present fairly, in all material respects, the statements of cash receipts and disbursements for the years ended December 31, 2019 and 2018 in accordance with the cash basis of accounting.”

H. Schrayshuen confirmed that the audit reports were mailed to each EC member. A. Adamson thanked everyone who assisted the auditor with information request responses.

3.1.4. **2019 Form 990** – A. Adamson stated that he reviewed and signed the IRS Form 990 and mailed it back to the auditor to be filed. A. Adamson will email the Form 990 to the EC members when filed.

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32. **Review and update EC Roster – H. Schrayshuen** – H. Schrayshuen stated the current EC roster is posted on the website. If anyone has any additional changes please send them to H. Schrayshuen.

33. **2020 Code of Conduct Review – H. Schrayshuen** – H. Schrayshuen stated that he has now received all Code of Conduct disclosure forms and will make a single PDF for Chairman, Vice Chairman and Counsel review. (AI-251-1)

34. **Other Organizational Issues** – None to report

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4. Installed Capacity Subcommittee (ICS) Status Report/Issues – R. Chan, ICS Chair

41. **ICS Chair Report – Attachment #4.1** – R. Chan reviewed attachment #4.1 – Summary of ICS meeting #229 on March 4, 2020. R. Chan stated that during the meeting the approved the scope of the External Control Area Modeling Whitepaper. R. Chan also stated that during the meeting the NYISO proposed two modeling changes outlined in attachment #4.1. These modelling changes will be proposed as part of the assumptions matrix presented to the EC later in the year. The final item discussed was the preparation of an ICS annual report as outlined in attachment #4.1. ICS plans to prepare the Annual Report for 2020.

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42. **High Renewable Resource Modeling White Paper – Attachment #4.1 Part B EC Approval Item – R. Clayton** – R. Clayton presented the changes that were made to the High Renewable Resource Modeling White Paper. There were a number of concerns expressed by C. Dahl, R. Bolbrock, M. Mager, and M. Younger that the most recent changes deemphasized the most important conclusion of the whitepaper regarding ICRM and UCAP. After further discussion, R. Clayton stated that the vote on the Whitepaper would be tabled and that another revision would be presented before the April EC meeting. M. Sasson stated that he supports labelling the current paper a phase 1 effort noting that more analysis is needed. A follow up paper should be planned. C. Patka stated that he supports M. Sasson’s suggestion and that the NYISO would like to get the findings of the current whitepaper paper out to the public as soon as possible.

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At this point in the meeting H. Schrayshuen noted that B. Fardanesh had joined the call and that all voting members were in attendance.

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43. **External Control Area Modeling Whitepaper – R. Chan – Attachment #4.3 – EC Approval Item** – R. Chan presented attachment #4.3. C. Wentlent made a motion to approve the scope of the proposed whitepaper. The motion was seconded by R. Bolbrock and unanimously approved by the EC members in attendance. (13-0)

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44. Other ICS Issues – None to report

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

51. RRS Status Report Discussion Issues – Attachment #5.1- R. Clayton reported on attachment #5.1, providing a summary of RRS meeting #247, which took place on March 5, 2020. There are two PRRs under development. PRR 128 is tabled pending completion of the NPCC A-10 revision. R. Clayton stated that the A-10 revision has been released for NPCC member ballot. M. Sasson made a motion to authorize R. Clayton to vote in favor of the A-10 revision on behalf of the NYSRC as a representative of NPCC Sector 7. The motion was seconded by B. Ellsworth and unanimously approved by the EC members in attendance (13-0). R. Clayton stated that the PRR 148 Mitigation of Major Emergencies was submitted by the NYISO. This PRR is to recognize that before a declaration of major emergencies, the alert stage actions may remove the emergency and may remove the need to declare an emergency. Language for this PRR is still under development. There is one PRR posted for comment, PRR 146, Transmission Systems Interconnection Special Studies Assessment with comments due April 6, 2020. There have been no comments received. R. Clayton stated that RRS is developing a Draft Risk Tracking Matrix to focus attention on reliability risk mitigation actions that may be needed. Additionally, W. Yeomans gave a follow up presentation to the 2019 Grid in Transition Report with some further reliability considerations to the RRS that may be added to the reliability risk tracking matrix. A presentation to the EC will be given at a later date (AI-251-2).

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52. List of Potential Reliability Rule Changes – Attachment #5.2 – R. Clayton stated that the table in Attachment #5.2 is up to date.

5.2.1. PRR 145 Resource Adequacy Assessment (Final Approval) – Attachment #5.2.1 – EC Approval Item – RRS is requesting final approval for PRR 145 and PRR 147. The PRRs were issued for public comment, no comments were received.

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5.2.2. PRR 147 NYSRC Resource Adequacy Criterion (Final Approval) – Attachment #5.2.2 – EC Approval Item - RRS is requesting final approval for PRR 145 and PRR 147. The PRR's were issued for public comment, no comments were received.

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Relative to Agenda items #5.2.1 and #5.2.2, a motion by R. Bolbrock was made to approve PRR 145 and PRR 147. The motion was seconded by M. Sasson and unanimously approved by the EC members in attendance. (13-0). A. Adamson will incorporate into the NYSRC Reliability Rules and Compliance Manual when it is next revised (AI-251-3).

53. Other RRS Issues –

5.3.1. Removal of Exception 17 & 18 – Attachment 5.3.1a & 5.3.1b – EC Approval Item – R. Clayton stated that pursuant to action item 227-2, Consolidated Edison and the NYISO have submitted their respective statements in response to the scheduled Indian Point 2 retirement. The statements confirm that the removal of reliability rule exceptions 17 and 18 will not result in reliability rule violations. The NYISO did state that if Indian

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Point 2 does not go out of service by April 30, 2020 that the reliability rule exceptions should be kept in place. M. Domino made a motion to remove exception 17 and 18 (unless Indian Point 2 does not go out of service) by April 30, 2020. The motion was seconded by M. Sasson and unanimously approved by the EC members in attendance. (13-0).

5.3.2. Compliance Element Revisions to C.3 Outage Coordination –

Attachment #5.3.2 - R. Clayton stated that this item clarifies an oversight in Rule C.3. RRS inadvertently omitted some details in Measure 2, outlined in attachment, #5.3.2. The EC members had no objection to these changes. A. Adamson will make the change to the Rule C.3 in the NYSRC Rules and Compliance Manual with the next Manual revision (AI 251-3).

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

- 61. RCMS Status Report – Attachment #6.1** - R. Clayton reported on attachment #6.1, a summary of the RCMS Meeting #241 on March 5, 2020. He reported that RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS (C8:R1) for January 2020. The RCMS found the NYISO’s Procedures Requiring TO Coordination of Transmission Outages and TO Procedures Requiring Coordination of Transmission Outages (C3:R6) to be in full compliance.
- 62. 2020 Reliability Compliance Program – R. Clayton - Attachment #6.3** – R. Clayton stated that the scorecard is up to date.
- 63. Other RCMS Issues** – None to report

7. NYISO Status Reports/Issues

- 71. NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1** – C. Patka presented on behalf of Z. Smith. C. Patka reported that the NYISO has received updated Local Transmission Plans which are being review by the Electric System Planning Working Group (ESPWG). The NYISO also received the compliance plans for the Peaker Units which are also being reviewed. C. Patka noted that a tariff filing to create a Short-Term Reliability Planning Process (years 1-3) and to amend the Reliability Planning Process to focus on future years 4-10 was submitted to the FERC on February 27, 2020, requesting a May 1, 2020 implementation date. The intention is to make the process more nimble and not subject to individual generator deactivation notices.

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C. Patka stated that the 2019 Economic Planning Process (CARIS) process is underway and includes a 70% by 2030 renewable generation resource scenario with additional resources to help relieve system constraints, conditions, possible overlaps and gaps. The NYISO is refining their modeling to highlight and resolve transmission constraints.

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C. Patka also noted that the FERC has accepted the development agreement for the Transco project. Also, the Segment A Development Agreement between the NYISO, LS Power and NYPA was submitted to the FERC. The Western NY project is in the siting permitting process. An operating agreement with the transmission owner for the Western NY Reinforcement project is under development.

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Peaker Units impacted by the DEC Peaker rule have submitted their compliance plans

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for NYSIO review.

72. **NYISO Markets Report – R. Mukerji - Attachment #7.2** – R. Mukerji reviewed attachment #7.2, stating the FERC approved the DER Model filing in January. The implementation date is the end of 2021. The FERC also approved the Energy Storage filing which will be implemented in the third quarter of 2020. The NYISO is continuing to work on the demand curve reset design to allow for storage in place of a peaking unit.

73. **NYISO Monthly Operations Report – W. Yeomans – Attachment #7.3** – W. Yeomans discussed what steps the NYISO is taking to mitigate COVID-19 risk. Measures include rearranging shift schedules, training from home and, using backup control rooms to limit contact between system Operators and other NYISO employees. There are control room contingency plans in case the system Operators are unable to perform their duties. The NYISO will continue to evaluate mitigation measures as needed. W. Yeomans stated that during the month of February there was a peak load of 21,027 MW on February 14, 2020. There were no hours of Thunder Storm Alerts and no hours of NERC TLR level 3 curtailment. The NYISO has successfully transferred over to its new Energy Management and Markets Systems. W. Yeomans stated NYPA has started a new project to replace the 230 kV lines between the St. Lawrence generation station and the National Grid Adirondack substation. This will be a three-year project.

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7.3.1. **NYISO Report on 2019 Fuel & Energy Security Evaluation – W. Yeomans - Attachment #7.3.1** – W. Yeomans presented attachment #7.3.1.

8. **Distributed Energy Resources (DER) – G. Smith**

8.1. **Report on DER Activities – Attachment #8.1** – Due to a technical difficulty with the call, on behalf of G. Smith R. Clayton initially noted that G. Smith sent out a presentation from the SPIDER working group conference call giving an overall update. NERC has solicited public comments on a draft reliability guideline on DER Data Collection for Modeling in Transmission Planning Studies. The comment period is March 11, 2020 – April 24, 2020.

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G. Smith re-joined the call and reported the NYITWG has held two technical webinars that are summarized in attachment #8.1. NPCC held a DER Forum on February 13, 2020 and all the materials are on the NPCC website.

G. Smith stated NERC also put out a final version of a Reliability Guideline: Bulk Power System Reliability Perspectives on the Adoption of IEEE 1547-2018. The next SPIDER WG is May 12-13, 2020. R. Clayton added that at their winter 2020 conference NARUC adopted a resolution that recommends as follows:

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“State commissions, consistent with the practices and procedures of that State, convene proceedings that engage stakeholders soon; utilize existing research and experience and make evidence-based decisions to adopt the current IEEE 1547; and align implementation of the standard with the availability of certified equipment.”

R. Clayton also stated the NYISO is working on studies using the DER_A Model.

R. Clayton thanked G. Smith for his service on behalf of the NYSRC and the

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production of the monthly DER reports.

9. Environmental Status Report/Issues – C. Wentlent – C. Wentlent stated the next NYSRC/DEC meeting will be on March 19, 2020. He reported that John Barnes from the DEC has retired from the DEC. He noted further that the Peaker Rule compliance plans have been submitted to the NYISO for review.

10. Resource Adequacy Working Group – C. Wentlent – C. Wentlent noted that there was a brief working group conference call to discuss and to develop a plan for the group’s activity. There will be another call on March 19, 2020. The tentative plan is to prepare a whitepaper summarizing the generating resource related reliability criteria in other control areas and in other countries.

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11. NERC/NPCC Standards Tracking – A. Adamson – Attachment#11.1

11.1. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson stated the NYSRC voted “no” on the following NERC standards, CIP-005-7, CIP-010-4, and CIP-013-2.

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

12.1. NPCC Report – M. Sasson – M. Sasson noted that Ed. Schwerdt will be retiring from NPCC, effective January 1, 2021. There is a search committee established to find his replacement. M. Sasson reported the NPCC Board of Directors will meet March 18, 2020. M. Sasson committed to preparing a written report summarizing the approved NPCC Board meeting minutes for future EC meetings. P. Fedora stated the next face to face NPCC Board of Directors Meeting is in May. The Board of Directors will be working on a backup plan due to the COVID-19 virus. The 2021 NPCC Business Plan and Budget will be on the May NPCC Board agenda. The NPCC Reliably Coordinating Committee (RCC) met February 27, 2020. At that meeting the revised A-10 Document was approved for release to the NPCC membership for ballot; the RCC also approved an implementation schedule if the A-10 Document is approved by NPCC members. The RCC also approved the 2019 NPCC Tie Benefits Study. This analysis and report will now be repeated every two years instead of every five years. At the RCC there was an update on the 2020 preliminary results from the NPCC 2020 Summer Reliability Assessment.

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12.2. NERC Report – P. Fedora – P. Fedora stated the NERC Reliability Security and Technical Committee (RSTC) had an organizational meeting. The current NERC Planning Committee (PC), Operating Committee (OC), Critical Infrastructure Protection Committee (CIPC) are continuing their operations until May 31, 2020. The RSTC members selected members for an Executive and Nominating Committee of the RSTC. At the RSTC there was a review of the current PC, OC, and CIPC organization structure, task forces, working groups and work plans. The RSTC discussed the transition plan of the many subcommittees to oversight by the RSTC. The presentations from the meetings are posted on the NERC website. The next meeting of the RSTC is scheduled for June 10-11, 2020.

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13. NAESB Activities – B. Ellsworth – B. Ellsworth reported that the FERC issued Order No. 676-I Standards for Business Practices and Communication Protocols for Public Utilities that incorporated all of the new NASEB business practice standards. The NAESB Advisory Council met on February 8, 2020. At the meeting there were three proposed areas in which NASEB will consider adopting business practice standards. These are Energy Storage, Resiliency of Energy Systems and Unaccounted Gas.

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14. Visitor Comments – None

15. Adjournment of the EC Open Meeting

The Open Executive Committee Meeting #251 was adjourned at 12:23pm.

16. Future Meeting Schedule

| Meeting | Date | Location | Time |
|----------------|---------------|-----------------|-------------|
| #252 | April 9, 2020 | Web meeting | 9:30 AM |

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