

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC)
Meeting No. 287
March 10, 2023

Members and Alternates in Attendance:

Chris Wentlent	Municipal & Electric Cooperative Sector – Member - Chair
Mark Domino, P.E.	National Grid, USA – Member – EC Vice Chair
Richard Bolbrock, P.E.	Unaffiliated Member
Roger Clayton, P.E.	Unaffiliated Member – RRS Chair, RCMS Chair
Bruce Ellsworth, P.E.	Unaffiliated Member
Steve Whitley	Unaffiliated Member
Mike Ridolfino	Central Hudson Gas & Electric – Member
Damian Interrante	Central Hudson Gas & Electric – Alternate Member
Mayer Sasson	Consolidated Edison Co. of NY, Inc – Alternate Member
Deirdre Altobell	Consolidated Edison Co. of NY, Inc – Alternate Member
Christopher Fry	NYPA – Member
Bruce Fardanesh	NYPA – Past Member
Tim Lynch	NYSEG and RG&E – Member - Webex
Curt Dahl	PSEGLI - Member
Mike Mager	Couch White - (Large Customer Sector) – Member
Mark Younger	Hudson Energy Economics (Wholesale Sellers Sector) – Alternate Member

Other Attendees:

Paul Gioia Esq.	Whiteman, Osterman & Hanna, LLP – NYSRC Counsel
Al Adamson	NYSRC Consultant
Cori Tackman	NYSRC Treasurer - Webex
Brian Shanahan	National Grid, USE – ICS Chair - Webex
Phil Fedora	Northeast Power Coordinating Council Inc.
Gary Jordan	ICS Consultant
Wes Yeomans	NYSRC EC Consultant
Matt Koenig	Consolidated Edison* – Webex
Diane Burman	NYS Public Service Commission
Vijay Puran	NYS Department of Public Service
Josh Boles	New York Independent System Operator
Keith Burrell	New York Independent System Operator
Rick Gonzales	New York Independent System Operator
Yvonne Huang	New York Independent System Operator - Webex
Aaron Markham	New York Independent System Operator - Webex
Rana Mukerji	New York Independent System Operator
Robb Pike	New York Independent System Operator
Jon Sawyer	New York Independent System Operator
Chris Sharp	New York Independent System Operator
Zach Smith	New York Independent System Operator
Tony Abate	NYPA
Andrea Calo	Customized Energy Solutions
Grant Flagler	Consolidated Edison Clean Energy

James Kane	New York State Power Authority
Scott Leuthauser	Hydro Quebec
Sarah Johnson	Grid Analysis
Radha Soorya	Grid Analysis
Herb Schrayshuen	Power Advisors, LLC – EC Secretary

“*” Denotes part-time participation in the meeting.

1. Introduction – C. Wentlent, EC Chair, called the NYSRC Executive Committee Meeting No. 287 to order at 9:30 a.m. on March 10, 2023. An initial quorum of 13 Members and Alternate Members of the NYSRC EC was established.

11. Identification of Visitors – Visitors in attendance were identified via the participant list.

12. Requests for Additional Open Session Agenda Items – None were requested.

13. Report on the February 10, 2023 Closed Session – C. Wentlent stated that the EC discussed physical security, an update of the website upgrade, and the EC ‘s decision that the New York State Reliability Council should develop comments on the proposed changes to the NERC Standards Development Process.

14. Requests for Closed Session Agenda Items – None were requested.

15. Declarations of Potential “Conflicts of Interest” – There were no new declared conflicts of interest.

16. C. Wentlent invited Al Adamson to speak. Al gave his “Final Report to the Executive Committee.” Several EC members recognized Al and his contributions to the New York State Reliability Council. C. Wentlent presented Al with a plaque which stated:
The NYSRC express its appreciation to Al. Adamson for his outstanding contributions to the NYSRC and its mission to protect the reliability of the New York State bulk power electric system. Since its inception in 1998 to his retirement Al, provided the NYSRC with his invaluable expertise and dedication. His contributions to the NYSRC and its mission are significant and enduring. The NYSRC congratulated Al on his well-earned retirement and extends its best wishes for his health and happiness in the future.”

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

21. Approval of Minutes for Meeting #286 (February 10, 2023) – Attachment #2.1 – H. Schrayshuen presented attachment #2.1 which included all comments received as of Wednesday March 8, 2023. M. Sasson made a spelling correction. M. Domino made a motion to approve the minutes of Meeting #286 as amended. The motion was seconded by M. Sasson and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #286 posted on the NYSRC website.

22. Open Action Items Report – Attachment #2.3 – H. Schrayshuen presented attachment #2.3 which provided the open standing and meeting generated action items. H. Schrayshuen will modify the document as per the discussion. R. Clayton stated that for AI-286- he spoke with the NYISO, and it was determined that the RCMS compliance auditing activity is in line with other auditing authorities.

3. Organizational Issues

31. Treasurer’s Report – C. Tackman

3.1.1. Summary of Receipts & Disbursements - Cash Receipts and Disbursements – Attachment #3.1.1 – C. Tackman presented attachment #3.1.1 - Statement of Cash

Receipts and Disbursements for February 2023, noting the end-of-month balance is \$222,805.56 which includes \$95,000.00 of pre-payments.

3.1.2. 2022 Financial Audit Report – C. Tackman stated the 2022 financial audit is completed. The auditor found everything in compliance. The financial audit was emailed to the EC members.

3.1.3. 2022 IRS Form 990 Filing - C. Tackman stated the 2022 Form 990 has been completed and filed. The IRS Form 990 was emailed to the EC members.

3.1.4. Second Quarter 2023 Call for Funds – C. Tackman recommended that the second quarter call for funds be \$35,000.00 from each TO based on the 2023 Cash Flow presented in December of 2022. C. Tackman stated that the process for the Call for Funds will continue as it has in the past but noted the address change for mailing in payments by check. The Call for Funds is due by April 1, 2023. M. Domino approved the recommended Call for Funds payment of \$35,000.00. The motion was seconded by M. Mager and unanimously approved by the EC members in attendance (13 - 0)

32. Other Organizational Issues – None to report.

4. Installed Capacity Subcommittee (ICS) Status Report/Issues – G. Jordan, ICS Consultant

41. ICS Chair Report – B. Shanahan - Attachment #4.1 – B. Shanahan reviewed attachment #4.1 – Summary of ICS meeting number #274 held on March 1, 2023. B. Shanahan thanked A. Adamson for his contribution to ICS. B. Shanahan stated that the ICS discussed an alternative methodology for cable transition rates following a cable replacement related presentation by PSEG/LI. This discussion will be continued at the April ICS meeting. The ICS also heard a presentation focused on NYCA Nuclear units falling short of the DMNC ratings resulting in a potential need for the DMNC ratings to be adjusted. The NYISO has an active project underway in which the NYISO is reviewing the correlated outages and will report back to the ICS.

42. Other ICS Issues – None to report.

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

51. RRS Status Report – Attachment 5.1 – R. Clayton presented attachment #5.1 which is a summary of RRS meeting #275 held on March 2, 2023. R. Clayton stated that the next RRS meeting will be held on March 30, 2023.

52. Potential Reliability Rule (PRR) Changes

5.2.1. PRR List – Attachment #5.2.1- R. Clayton reviewed attachment #5.2.1.

5.2.2. PRR 151 – Establishing Minimum Interconnection Standards for Large Facility Inverter Based Resources (IBRs) – Attachment #5.2.2 – R. Clayton presented draft PRR 151 which would implement IEEE 2800-2022 as a technical requirement for IBRs in NYISO interconnection studies. R. Clayton stated that in the feedback that he has received there was a concern regarding the proposed rule applicability to the projects in the 2023 class year. It was noted that the development of PRR 151 included input from all market participants and the NYISO has asked developers to voluntarily comply with the selected portions of IEEE 2800-2022. R. Clayton stated that the NYISO is supportive of the NYSRC progress to date. B. Fardanesh recommended that the process for connections between HVDC projects and the NYCA should be evaluated. Z. Smith stated that the NYISO thanks the EC and supports the work that has been done on PRR 151. The NYISO also agrees the PRR should be posted for comment but has stated that the NYISO had raised some concerns in the RRS meeting that have not been addressed yet. Z. Smith stated that the NYISO has

previously stated it has concerns with some of the language in the PRR, the time-frame, potential changes to the interconnection studies, and a grandfather date to name a few. There was discussion on the NYISO's concerns and it was agreed that the PRR should be approved for posting for comment to be able to receive additional stakeholder feedback. R. Clayton stated that he would bring the NYISO's concerns up with the RRS. P. Gioia presented some suggested changes to the PRR 151. R. Clayton stated that RRS recommends that the NYSRC approves PRR 151 as presented to be posted for comment. Further changes proposed can be submitted in the comment period. M. Sasson reminded the EC that in his last meeting as Chair in July 2022 he mentioned that the worst incident with IBRs had recently occurred in Texas and that he had made an urgent recommendation that the RRS whitepaper on this subject be approved and immediately be implemented so that, New York would have an IBR standard in place without waiting for an eventual standard from NERC and to prevent such IBR events from happening in the NYCA. The EC approved this action. RRS has worked hard to get us to where we are today. NYSRC needs constructive stakeholder input and implementation of the Reliability Rule in a timely manner is critical as evidenced by open matters at FERC and NERC. S. Whitley made a motion to approve the posting of PRR 151 for comment. The motion was seconded by M. Sasson and unanimously approved by the EC members in attendance. (13-0). H. Schrayshuen will post PRR 151 for comment. **(AI-287-1)** R. Clayton thanks all parties involved in the development of PRR 151 M. Sasson thanked R. Clayton for his leadership in the development of PRR 151.

53. IBR WG – R. Clayton – R. Clayton stated the working group has ceased meeting but would be reconvened if necessary.

54. EW WG Report – C. Dahl – C. Dahl stated that the EW WG met and received several presentations. The NYISO presented their efforts on addressing reliability risks related to Extreme Weather. C. Dahl stated the major focus is wind lulls.

5.4.1. Wind Lull Discussion – Attachment #5.4.1 - C. Dahl presented attachment #5.4.1 stating the NYISO did a study to determine the wind resources capacity factor. The study included wind data from seven offshore wind farm sites on an hourly basis. C. Dahl and R. Clayton used that data to develop attachment #5.4.1 showing past wind lulls which shows wind lulls as long as 86 hours and are correlated with other regions wind lulls. The EC and the NYISO had a detailed discussion on the data that was presented.

55. NERC/NPCC Standards Tracking – W. Yeomans

5.5.1. NERC Standard Tracking Report – Attachment #5.3.1 – W. Yeomans presented attachment #5.3.1. W. Yeomans stated that he will be sending out a request for input on VAR-002-4.1. The voting for VAR-002-4.1 will begin March 1, 2023.

56. Other RRS Issues –

5.6.1. 2022 RRS Report – Attachment #5.6.1 – R. Clayton presented attachment #5.6.1. R. Clayton stated that RRS appreciated the support from NYISO staff. The 2022 RRS Report includes a dedication to A. Adamson.

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

6.1. RCMS Status Report – R. Clayton presented attachment #6.1 summarizing RCMS meeting #272 held on March 2, 2023. R. Clayton reported that the RCMS found the NYISO in full compliance for Verification Testing of Resource Capacity – Installed

Capacity [I.1:R2], Verification testing of Resource Capacity – Reactive Capacity [I.1:R2], Verification testing of Resource Capacity – DMNC capacity [I.1:R.3], Verification testing of Resource Capacity – Reactive Capacity [I.1:R4], and Real Time Operations of the NYS BPS for January 2023 [C8:R1].

62. 2023 Reliability Compliance Program – Attachment #6.3 R. Clayton presented attachment #6.3.

63. Other RCMS Issues – None to report.

7. NYISO Status Reports/Issues

71. NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1 – Z. Smith presented attachment #7.1. Z. Smith stated that the 2023 Q1 Short Term Assessment of Reliability (STAR) has commenced. He noted that the Q1 STAR will look at a number of scenarios specifically addresses the tight margins in Zone J. The Q1 STAR will be published on April 15, 2023. Stakeholder discussions have begun on the Long Island Public Policy Project. In February 2023, thirteen entities filed comments on the proposed Public Policy Transmission needs that were identified during the 2022-2023 Public Policy Transmission Planning Process which started on August 31, 2022.

72. NYISO Markets Report – R. Mukerji – Attachment #7.2 – R. Mukerji presented attachment #7.2. R. Mukerji stated that the NYISO continues working on the Capacity Accreditation Market Design. The NYISO is identifying different market needs, for example longer duration ramping products.

73. NYISO Monthly Operations Report – J. Sawyer

7.3.1. NYISO Operations Report, February 2023 (short form) – Attachment #7.3.1 – Report included for information only.

7.3.2. NYISO Operations Report, February 2023 (long form) – Attachment #7.3.2 – J. Sawyer presented attachment #7.3.2. A. Markham stated that the peak load was 23,369 MW which occurred on February 3, 2023. There were 0.0 hours of thunderstorm alert and 70.9 hours of NERC TLR level 3 curtailments in February.

8. Decarbonization & DER – M. Koenig-

8.1. Decarbonization & DER Report – M. Koenig - Attachment #8.1 – M. Koenig reported on attachment #8.1 which includes links to the referenced documents. M. Koenig highlighted the NERC 2022 Annual Report, U.S. Department of Energy Announces New Actions to Accelerate Floating Offshore Wind Deployments, U.S. Department of Energy-Wind Energy Technologies Office, PJM Report: Energy Transition in PJM: Resource Retirements, Replacements & Risks, A New York Times Article, and the latest NYISO Blogs and Podcasts, and the NYISO Interconnection Queue: Storage / Solar / Wind / CLR's (Co-located Storage Resources).

9. Environmental Status Report/Issues – C. Wentlent – C. Wentlent stated that the last DEC/NYSRC call was held on March 9, 2023. C. Wentlent reported that the DEC outlined the proposed Cap and Invest Program. C. Wentlent suggested to the DEC to have a group from the NYSRC discuss reliability concerns. There are a several bills that would require fossil unit shutdown by targeted dates. We need to monitor them to ensure a reliability analysis is part of the final decision The PSC approved 62 CLCPA Phase 2 projects in a recent February 2023 order. Commissioner Burman stated the vote was 5-2, the dissenting votes were Commission Burman and Commission Howard. Commissioner Burman stated she issued a written dissent.

10. State/NPCC/Federal Energy Commission Activities –

101. NPCC Report – M. Sasson stated that the NPCC Board of Directors will be meeting on March 22, 2023.

102. NERC Report - P. Fedora – P Fedora stated there are a number of upcoming meetings including the FERC Open meeting on March 16, 2023. The NERC Energy Reliability Assessment Task Force meets (prior to NERC Reliability Security Technical Committee (RSTC) meeting) on March 21, 2023. NERC RSTC will meet on March 21-23, 2023. This meeting will be in person only, there is no virtual participation option. On May 17, 2023, NAESB will hold the next NAESB Gas-Electric Harmonization Forum. The FERC announced it will host a second New England Ga-Electric Forum in Portland, Maine on June 20, 2023, and on October 17-20, 2023 NERC, the E-ISAC and NPCC are hosting the 12th annual grid security conference in Quebec City.

10.2.1. NYSRC Comments on the Proposed Changes to the NERC Standards Development Process – Attachment #10.2.1 – H. Schrayshuen stated that the NYSRC submitted comments as presented in the attachment.

103. NY State – C. Wentlent

10.3.1. NY PSC Energy Storage Case - C. Wentlent stated that G. Jordan and J. Adams developed comments to submit in review of the NYSPSC/NYSERDA Energy Storage Roadmap. The comments will be circulated to the EC members. **(AI-287-2)**

11. NAESB Activities – B. Ellsworth – B. Ellsworth stated that the NAESB Gas-Electric Harmonization Survey has been reviewed and the NYSRC needs to consider whether it wants to submit comments. B. Ellsworth recommended that the NYSRC should develop a draft letter explaining the NYSRC and its role in New York State. **(AI-287-3)**

12. Visitor Comments – None to report.

13. Adjournment of the EC Open Meeting – R. Bolbrock made a motion to close the open Executive Committee Meeting #288. The motion was seconded by M. Younger. The meeting was adjourned at 1:00 p.m.

14. Future Meeting Schedule

Meeting	Date	Location	Time
#288	April 14, 2023	Webex	9:30 AM