

Draft Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC)
Meeting No. 294
October 13, 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
Roger Clayton, P.E.	Unaffiliated Member – RRS Chair, RCMS Chair
Bruce Ellsworth, P.E.	Unaffiliated Member - Webex
Steve Whitley	Unaffiliated Member
Damian Interrante	Central Hudson Gas & Electric – Alternate Member
Deirdre Altobell	Consolidated Edison Co. of NY, Inc- Member – Alternate Member
Christopher Fry	NYPA – Member
Mohammed Hossain P.E.	NYPA – Alternate Member
Patti Caletka	NYSEG and RG&E – Alternate Member
Curt Dahl, P.E.	PSEGLI - Member
Mike Mager	Couch White - (Large Customer Sector) – Member
Richard Bratton	Independent Power Producers of NY (Wholesale Sellers Sector - Member
Mark Younger	Hudson Energy Economics (Wholesale Sellers Sector) – Alternate Member

Other Attendees:

Paul Gioia Esq.	Whitman, Osterman & Hanna, LLP – NYSRC Counsel
Cori Tackman	NYSRC Treasurer
Herb Schrayshuen	NYSRC Secretary
Brian Shanahan	National Grid, USA – ICS Chair
Phil Fedora	Northeast Power Coordinating Council Inc.
Gary Jordan	ICS Consultant
Wes Yeomans	NYSRC Consultant
Matt Koenig	Consolidated Edison
Diane Burman	NY Public Service Commission
Josh Boles	New York Independent System Operator
Keith Burell	New York Independent System Operator
Rick Gonzales	New York Independent System Operator
Yvonne Huang	New York Independent System Operator
Aaron Markham	New York Independent System Operator
Emilie Nelson	New York Independent System Operator
Robb Pike	New York Independent System Operator
Chris Sharp	New York Independent System Operator
Prasad Shindi	New York Independent System Operator
Zach Smith	New York Independent System Operator
Katherine Boden	Consolidated Edison
Andrea Calo	Customized Energy Solutions
Matt Cinadr	E. Cubed
Sean Frey	Energy Exemplar
Erin Hogan	DOS – Utility Intervention Unit
Glenn Haake	Invenergy

Ivan Kimball	Consolidated Edison
Tim Lundin	LS Power
Tony Mancinoa	Consolidated Edison
John Norris	RTO Insider
John Reese	Consultant
Kate Trischitta	Consolidated Edison
Meg Tubridy	Consolidated Edison

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

1. Introduction – C. Wentlent, EC Chair, called the NYSRC Executive Committee Meeting No. 294 to order at 9:30 a.m. on October 13, 2023. An initial quorum of 12 Members and Alternate Members of the NYSRC EC was established. C. Wentlent asked for a moment of silence to remember Donald Raymond, former Executive Committee Member and Executive Secretary.

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. Requests for Closed Session Agenda – None were requested. C. Wentlent stated that at the previous Closed session the EC received a

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

15. Presentation on Winter Storm Elliott FERC-NERC Joint Report – C. Wentlent, A. Markham, K. Trischitta, and A. Mancinoa jointly presented attachment #1.5. The final report when it is issued will be reviewed by RRS and EW WG. When the full NERC report is released, it will be distributed to the EC. (AI-294-1)

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

21. Approval of Minutes for Meeting #293 (September 8, 2023) – Attachment #2.1 – H. Schrayshuen presented attachment #2.1 which included all comments received as of Wednesday October 11, 2023. M. Domino made a motion to approve the minutes of Meeting #293 as presented. The motion was seconded by S. Whitley and unanimously approved by the EC members in attendance (12 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #293 posted on the NYSRC website.

22. Open Action Items Report – Attachment #2.3 – H. Schrayshuen presented attachment #2.3 which provided the status of both the open standing and meeting generated action items. R. Clayton asked H. Schrayshuen to share with him the NERC IBR activity summary developed for item #293-4. (AI-294-2)

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 September 2023, noting the end-of-month cash balance is \$186,799.71 which includes \$101,000.00 of call for funds pre-payments.

3.1.2. 2023 Independent Auditor Proposal – C. Tackman recommends that the NYSRC retain Slocum, DeAngelus & Associates P.C. to complete the 2023 Financial Audit. The cost of the 2023 Financial Audit will be \$4,295.00 which is a \$100.00 increase from the previous year. M. Domino made a motion to approve the proposal from Slocum, DeAngelus & Associates. The motion was seconded by D. Altobell and unanimously approved by the EC members in attendance (12 - 0)

3.1.3. NYSRC 2024 Goals Development – R. Clayton – R. Clayton presented attachment #3.1.3 which outlined the NYSRC 2024 Goals. S. Whitley made a motion to approve the 2024 Goals. The motion was seconded by M. Domino and unanimously approved by EC members in attendance. (12-0)

4. Installed Capacity Subcommittee (ICS) Status Report/Issues – B. Shanahan, ICS Chair

41. ICS Chair Report – B. Shanahan - Attachment #4.1 – B. Shanahan reviewed attachment #4.1 – Summary of ICS meeting number #281 held on October 4, 2023.

4.1.1. ICS 2024 Goals – Refer to agenda item #3.2.

4.1.2. Initial Final Base Case (FBC) Parametric Results (as of 9/18/2023)

Attachment #4.1.2 – B. Shanahan presented attachment #4.1.2. stating that the Initial Final Base Case (FBC) results are and IRM of 22.55%.

4.1.3. Final Base Case (FBC) Assumptions Matrix - Attachment #4.1.3 – B.

Shanahan and Y. Haung presented attachment #4.1.3. M. Younger shared his concern with the Dover Par delay’s effect on the IRM. It was noted that the NYISO’s findings show that the delay will not impact the IRM but cautioned EC members to resist deviation from the proposed final IRM due to this delay. Y. Haung stated that the NYISO is going to take the Dover Par Delay example as a lesson learned to be able to get information on these types of situations to ICS sooner rather than later. M. Domino made a motion to approve the Final Base Case Assumptions Matrix. The motion was seconded by S. Whitley and unanimously approved by the EC members in attendance. (12-0)

- **IRM Topology Update for Information** – Attachment #4.1.3.1 – Document to detail Dover Par situation as notes above.

4.1.4. EOP Whitepaper Final Report – Attachment #4.1.4 - EC Approval – B.

Shanahan and Y. Haung presented the EOP Review Whitepaper Report. M. Domino made a motion to approve the EOP Whitepaper Final Report. The motion was seconded by S. Whitley and approved with one opposition vote. (11-1)

4.1.5. Revised SCR Modeling – B. Shanahan stated that the NYISO presented a revised SCR modeling proposal to the ICS. The SCR modeling revision would not be considered for the current 2024-2025 IRM study.

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 summarizes RRS meeting #281 held on October 5, 2023. R. Clayton stated that RRS had a discussion regarding whether HVDC transmission Facilities can be included as a Black Start Facility. R. Clayton stated that the next scheduled RRS meeting will be held on November 2, 2023.

52. Potential Reliability Rules (PRR) Changes

5.2.1. PRR List – Attachment #5.2.1 – For information purposes. R. Clayton stated that PRR 152 is on hold pending review of a new PRR based on suggestions from the NYISO, to include “Sudden loss of fuel delivery system to multiple solar & wind plants” as a Category II Design Contingency in Table B-1 and to include a system condition of “Peak load resulting from extreme weather” for Category I Design Contingencies in Table B-1.

5.2.2. PRR 151 9-2-23 Revision – Establish IBR working Group Report – R.

Clayton – R. Clayton stated that RRS is planning to present a revised PRR 151 to the EC for approval to post comments at the November EC meeting. RRS will also be developing a new glossary term to define what a project “developer” is. Z. Smith provided some comments regarding some of the language in current draft of PRR 151.

53. IBR Working Group – R. Clayton – R. Clayton stated that some members of the IBR working group attended the RRS meeting.

54. Extreme Weather (EW) WG Report – C. Dahl – C. Dahl stated that EW WG had a meeting on September 29, 2023. C. Dahl stated that there was a status update on the DNV hourly wind output data. C. Dahl states that there was a presentation on winter reliability needs and extreme weather which focused on the fuel supply. C. Wentlent states that a summary of the report will be presented to the EC. C. Dahl stated that the PSC had received reports from the TOs on their climate change and resilience plans. The next meeting will be held on October 27, 2023.

55. NERC/NPCC Standards Tracking – W. Yeomans –

5.5.1. NERC Standard Tracking Report – Attachment #5.5.1 – W. Yeomans presented attachment #5.5.1.

56. Other RRS Issues – R. Clayton – M. Younger raised a question regarding the statewide use of transmission security limitations to trigger statewide reliability needs. He said that if the NYISO is going to trigger reliability needs based on transmission security analysis then this will effectively put a lower limit on the allowed IRM much as the NYISO’s Transmission Security Limit imposes a lower limit on the allowed Locational Capacity Requirements. C. Wentlent asked the RRS to review the matter and asked Z. Smith to discuss the approach in more detail to identify the potential issues if the IRM methodology were to change. (AI-294-3). M Younger requested to be kept informed regarding any planned discussions.

5.6.1. NYSRC Comments on NPCC proposal to consider IEEE 2800 in the NPCC Criteria – Attachment #5.6.1 – R. Clayton stated that the NYSRC submitted comments to NPCC are posted on the NYSRC website.

5.6.2. New NERC IBR disturbance report involving BESS projects – Attachment #5.6.2 - R. Clayton reviewed attachment #5.6.2 regarding a new NERC disturbance analysis of IBR reliability performance issues similar to those in that have occurred in the past. This new system disturbance event provides additional support for the need for PRR-151.

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

6.1. RCMS Status Report – Attachment #6.1 – R. Clayton presented attachment #6.1 stating that at the RCMS meeting #277 held on October 5, 2023 RCMS found the NYISO in full compliance for SRC Performance Reporting Requirements & Performance Report [I.2:R4.1], SCR performance Data Reporting [I.2:R5], Requirement for Development Load Flow, Short Circuit & Stability Data [I.4:R1], Requirement for Updating Load Flow, Short Circuit & Stability Data [I.4:R2], MP Transmission Data Reporting [I.4:R3], and Real Time Operations of the NYS BPS for August [C8:R1]. The next scheduled RCMS meeting will be held on October 3, 2023

6.2. 2023 Reliability Compliance Program – Attachment #6.2 - For information purposes.

6.3. Other RCMS Issues – None to report.

7. NYISO Status Reports/Issues –

7.1. NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1 – Z. Smith presented attachment #7.1., stating that the draft report of the 2023-2032 Comprehensive Reliability Plan (CRP) was approved by the Operating Committee and will be reviewed by the NYISO Management Committee. Z. Smith stated that the CRP highlights a number of system risks, including generation being retired faster than the new generation coming online, and the reliance of certain projects being completed on time, for example the Champlain Hudson Power Express, as well as New York’s reliance on emergency assistance. Z. Smith stated that the Q3 2023 Short Term Assessment of Reliability (STAR) was published on October 13, 2023. No new reliability needs were identified in the Q3 STAR. Z. Smith stated that NYISO has received responses to the solicitation for solutions issued by NYISO due to reliability needs identified in the Q2 STAR. Z. Smith stated that there will be a technical conference on November 6, 2023 to discuss the Public Policy Transmission Need that was declared by the PSC on June 22, 2023. C. Wentlent asked Z. Smith to give an overview of the CRP after the report is approved. (AI-294-43)

7.2. NYISO Markets Report – R. Pike – Attachment #7.2 – R. Pike presented attachment #7.2 stating that the NYISO is starting on a new initiative called Balancing Intermittency, which will look at further rules to address balancing between the Day-Ahead Market and the Real-Time Market.

7.3. NYISO Operating Reports – A. Markham

7.3.1. NYISO Operations Report, September 2023 (short form) – Attachment #7.3.1 – A. Markham presented attachment #7.3.2. A. Markham stated that the peak load was 30,206MW, which occurred on September 6, 2023. There were 15.8 thunderstorm alert hours and 8.3 hours of NERC TLR level 3 curtailments in September. A. Markham noted that NYISO is preparing for the partial solar eclipse on October 14, 2023. The NYISO is also starting to look at the potential generation resource impact of the total solar eclipse which will occur on April 8, 2024.

7.3.2. NYISO Operations Report, September 2023 (long form) – Attachment #7.3.2 – Report posted for more detail on monthly operations.

7.3.3. NYISO Summer 2023 Hot Weather Operations – Attachment #7.3.3 – A. Markham presented attachment #7.3.3 reviewing the 2023 summer hot weather operations.

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. The report references information on a NERC Inverter-Based Webinar Series Recordings, FAQ and Videos, an ESIG webinar titled Overview of Grid Forming Interconnection Requirements, and DOE and DOI releasing an Action Plan for Offshore Wind Transmission Development in the Atlantic Region, NY Times articles titled Looking to Space in the Race to Decarbonize and How to Cool Down a City, and the NYISO Blogs, Podcasts, and the NYISO Interconnection Queue: Storage / Solar / Wind / CLRs (Co-located Storage Resources) status.

9. Environmental Status Report/Issues – C. Wentlent – C. Wentlent stated that the next NYSRC/DEC meeting will be held on November 16, 2023. C. Wentlent stated that the DEC released draft policy summary DEP 23-1 which involves permitting requirements for sources which would affect a disadvantaged community. C. Wentlent stated that the NYSRC will review the summary and determine whether NYSRC comments are necessary. (AI-294-5)

91. Meeting Notes from the NYSRC/DEC Meeting on September 14, 2023 – Attachment #9.1 – C. Wentlent stated that Regional Greenhouse Gas Initiative (RGGI) is reviewing its program and considering revisions.

92. NY Cap and Invest Program – C. Wentlent stated that the DEC is still in between development phases of the NY Cap and Invest Program.

93. Renewable Proceeding at the NY PSC – C. Wentlent stated that the PSC issued an order on October 12, 2023 stating that it rejected the petitions for revision of contract terms for some Tier 1 renewable and Off-Shore Wind projects.

94. EPA Power Plant Rule – C. Wentlent stated that the EPA reached out to the NYSRC to meet virtually to discuss the comments submitted by the NYSRC. S. Whitley and W. Yeomans participated on the call. The main points that were stressed was the need for a reliability preservation related provision due to the aggressive schedule for fossil generation retirements and the reduced ability to depend on neighboring systems also losing generation to environmental and public policy edicts.. S. Whitley stated that he thought the meeting went well and made a point to say that even though New York has a cleaner generation fleet that other states, but it still has added provisions to New York State rules to ensure reliability. W. Yeomans added that New York State is moving toward a winter peaking system and the greater risk to the public that come with winter reliability performance failures.. C. Wentlent thanked everyone who participated on the comments and on the call with the EPA.

10. State/NPCC/Federal Energy Commission Activities –

10.1. NPCC/NERC Report –P. Fedora – P. Fedor~~ae~~ stated that NERC held a probabilistic analysis forum at WECC. On October 12, 2023 NPCC held ~~its~~^{their} DER/VER forum which focused on battery storage. FERC has an open meeting on October 19, 2023 ~~and~~ ~~t~~The reliability standards to address Inverter based resources reliability issues is on the FERC agenda. On October 25, 2023, the NPCC Board of Directors and the NERC Member Representatives Committee will hold meetings. NERC has started the Interregional Transfer Capacity Study. FERC will hold ~~its~~^{their} Annual Reliability Technical Conference on November 9, 2023.

11. NAESB Activities – B. Ellsworth – B. Ellsworth announced he would be stepping down from the NYSRC EC as an Unaffiliated Member at the end of 2023.

12. Visitor Comments – None to report.

13. Adjournment of the EC Open Meeting – M. Domino made a motion to adjourn the open Executive Committee Meeting #294. The motion was seconded by S. Whitley. The meeting was adjourned at 2:00 p.m.

14. Future Meeting Schedule

Meeting	Date	Location	Time
#295	November 9, 2023	Wolferts Roost/Webex	9:30 AM