

Draft Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC)
Meeting No. 286
February 10, 2023
Webex

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 – Alternate Member |
| Damien Interrante | Central Hudson Gas & Electric – Alternate Member |
| Deirdre Altobell | Consolidated Edison Co. of NY, Inc – Alternate Member |
| Christopher Fry | NYP&A – Member |
| Tim Lynch | NYSEG and RG&E – Member |
| Curt Dahl | PSE&G – Member |
| Mike Mager | Couch White - (Large Customer Sector) – Member |

Other Attendees:

| | |
|------------------|--|
| Paul Gioia Esq. | Whitman, Osterman & Hanna, LLP – NYSRC Counsel |
| Cori Tackman | NYSRC Treasurer |
| Brian Shanahan | National Grid, USE – ICS Chair |
| Phil Fedora | Northeast Power Coordinating Council Inc. |
| Gary Jordan | ICS Consultant |
| Wes Yeomans | NYSRC EC Consultant |
| Matt Koenig | Consolidated Edison* |
| Diane Burman | NYS Public Service Commission |
| Vijay Puri | NYS Department of Public Service |
| Josh Boles | New York Independent System Operator |
| Yvonne Huang | New York Independent System Operator |
| Rick Gonzales | New York Independent System Operator |
| 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 |
| Andrea Calo | Customized Energy Solutions |
| Grant Flagler | Consolidated Edison Clean Energy |
| James Kane | New York State Power Authority |
| Tim Lundin | LS Power |
| Ed Schrom | Consultant |
| 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. 286 to order at 9:30 a.m. on February 10, 2023. An initial quorum of 12 Members and Alternate Members of the NYSRC EC was established. C. Wentlent announced that the NYSRC has hired Wesley Yeomans. Wes will focus on RRS, RCMS, and NERC standards balloting. C. Wentlent stated that Cori Tackman has fully assumed the role of Treasurer. C. Wentlent introduced Jon Sawyer of the NYISO. J. Sawyer will be presenting the NYISO January Operations Report. C. Wentlent thanked the members of the EC who assisted with A. Adamson’s transition and retirement. R. Clayton reminded meeting participants on the call to RSVP to him for Al’s dinner via the invitation that was sent out.
 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 January 13, 2023, Closed Session** –C. Wentlent stated that the EC had discussion on Inverter Based Resources. There was also discussion on the transition plan for A. Adamson’s retirement.
 14. **Requests for Additional Closed Session Agenda Items** – None were requested.
 15. **Declarations of Potential “Conflicts of Interest”** – There were no new declared conflicts of interest.
2. **Meeting Minutes/Action Items List – H. Schrayshuen**
 21. **Approval of Minutes for Meeting #285 (January 13, 2023) – Attachment #2.1** – H. Schrayshuen presented attachment #2.1 which included all comments received as of Wednesday January 8, 2023. No additional modifications were requested. M. Domino made a motion to approve the minutes of Meeting #285 as presented and modified by NYPA. 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 #285 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. P. Gioia stated that action item S14, Bi-annual report to the NYS DOS, will not be due in 2023, but will be due in 2024. H. Schrayshuen will modify the document to reflect the alternate year due dates for this action item.
3. **Organizational Issues**
 31. **Treasurer’s Report – C. Tackman**
 - 31.1. **Summary of Receipts & Disbursements - Cash Receipts and Disbursements – Attachment #3.1.1** – C. Tackman stated that she has completed the paperwork required by Trustco to enable check signing authority. C. Tackman stated that 2022 audit has been completed. C. Tackman will review the IRS Form 990 and once reviewed, the auditor will file the form. The audit packages will be mailed to the EC members. C. Tackman presented attachment #3.1.1 - Statement of Cash Receipts and Disbursements for January 2022, noting the end-of-month balance is \$319,668.88 which includes \$95,000.00 of pre-payments. C. Tackman noted a change to the form which includes a new column showing the remaining balance of the budget line items. C. Tackman stated the Call for Funds for the 1st quarter have been completed.
 32. **2023 Conflict of Interest Disclosures – H. Schrayshuen** – H. Schrayshuen stated that all the Conflict-of-Interest forms have been completed.
 33. **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 #273 held on February 1, 2023. B. Shanahan stated that the ICS reviewed the 2024-2025 capacity year Milestone Schedule and the scope for ICS whitepapers.
- 4.1.1. 2024 IRM Study Milestone Schedule - Attachment #4.1.1** – B. Shanahan reviewed attachment #4.1.1. the ICS reviewed the 2024-2025 capacity year Milestone Schedule. ICS replaced specific meeting dates with the month the activity should be completed in. C. Wentlent stated that there was a meeting with NYSRC and NYISO reviewing the process and identifying areas of improvement. M. Domino made a motion to approve the IRM Study Milestone Schedule for 2024-2025 IRM Study. The motion was seconded by S. Whitley and unanimously approved by the EC members in attendance. (12 - 0)
- 4.1.2. EOP Whitepaper Scope – Attachment #4.1.2A** – Y. Huang presented attachment #4.1.2 outlining the Emergency Operating Procedures (EOP) in Resource Adequacy Model whitepaper scope. Yvonne Huang asked for any feedback to be sent to her and B. Shanahan. C. Dahl asked for the EOP steps in the IRM model to be reviewed. C. Wentlent stated that it is important to include other working groups. C. Wentlent also stated that the ICS might see more stakeholders observing their meetings due to how the whitepaper topics involve markets and reliability.
- 4.1.3. Gas Constraints Whitepaper Scope - Attachment #4.1.2B** – Y. Huang presented attachment #4.1.2 outlining the Gas Constraints whitepaper scope. Yvonne Huang asked for any feedback to be sent to her and B. Shanahan.
- 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 #274 held on February 2, 2023. R. Clayton stated that the next RRS meeting will be held on March 2, 2023.
- 52. Potential Reliability Rule (PRR) Changes**
- 5.2.1. PRR List – Attachment #5.2.1**
- 5.2.2. PRR 151 – Establishing Minimum Interconnection Standards for Large Facility Inverter Based Resources – Attachment #5.2.2** – R. Clayton presented draft PRR 151 which implements IEEE 2800 as a requirement for interconnection studies. R. Clayton stated that feedback that he has received was a concern regarding the applicability to the projects in the 2023 class year. It was noted that IEEE 2800 included input from all market participants and the NYISO has asked for developers to voluntarily comply with the IEEE 2800. R. Clayton stated that the NYISO is supportive of the NYSRC progress to date. For example, the NYISO provided an IBR update to all TPAS meeting participants during a recent meeting. C. Wentlent stated that at previous NYISO stakeholder meetings it has been noted that the NYISO and NYSRC have responded to NOPRS on all levels including Federal and State.
- 53. IBR WG – R. Clayton**
- 5.3.1. PRR 151 Strawman Attachment A Update-** R. Clayton stated there is a final draft and it will be included in PRR 151. It will be reviewed at the next RRS meeting. R. Clayton stated the IBR Working Group has been disbanded but can be call upon again if necessary.

5.3.2. NYSRC/NYISO/Market Participant Meeting Updates – R. Clayton stated that there have been several meetings with the NYISO and that he has been active in NYISO TPAS meetings. The next steps would include meeting with the NYISO to discuss what the NYISO needs to implement the proposed PRR 151 rule.

5.3.3. NYSRC Comments on FERC NOPR RM22-12-000-Reliability Standards to Address Inverter Based Resources – Attachment #5.3.3 – R. Clayton presented attachment #5.3.3 which are the NYSRC comments on FERC NOPR in Case RM22-12-000 related to IBRs. The comments have been filed. R. Clayton stated that ERCOT stated it that does not propose to grandfather IBRs indefinitely and IBRs that cannot meet the requirements within 24 months will not be allowed to operate unless being called upon by the ERCOT System Operator,

54. EW WG Report – C. Dahl – C. Dahl stated that the EW WG focused on the risks outlined in the Extreme Weather whitepaper and identified them as either resource adequacy risks and/or resilience risks. There was also discussion on understanding the risks on an individual basis but also on a compounded basis. C. Dahl thanked Mark Taylor and Laura Poppa of the NYISO for their support of the EW WG activities. The next meeting will be held on February 27, 2023. H. Schrayshuen will add the EW WG meeting dates to the master schedule (AI-286-1)

55. Rescission of Exception #22 - W97 and W98 Above Normal Rating Operations – Attachment #5.5. – EC Approval Item – R. Clayton stated that RRS has received a request from Consolidated Edison to rescind exception #22. J. Sawyer stated that the NYISO does not oppose rescinding the exception. S. Whitley made a motion to rescind exception #22. The motion was seconded by M. Domino and unanimously approved by the EC members in the attendance. (12-0). The exception will be removed from the RRS Exception List. (AI-286-2)

56. NERC/NPCC Standards Tracking – W. Yeomans

5.6.1. 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. W. Yeomans stated that MOD-26-2 failed during the first round of voting. The NERC Standards Drafting Team will make some modifications to respond to the comments received and there will be another round of balloting.

57. Other RRS Issues – None to Report

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

61. RCMS Status Report – R. Clayton presented attachment #6.1 summarizing RCMS meeting #271 held on February 2, 2023. R. Clayton reported that the RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS for November and December of 2022 [C8:R1], Calculation & Reporting of LOLH & EUE [A.1:R3 & A.3:R2], 2023-2032 Long Term Resource Adequacy Assessment [A.3:R2]. The next RCMS meeting will be held on March 2, 2023.

62. 2022 Reliability Compliance Program Report – Attachment #6.2 – R. Clayton stated that 2022 compliance program is complete and that the NYISO was found in full compliance. The RRS approved the 2022 Reliability Compliance Program Report. R. Clayton thanked the NYISO for their continued efforts providing all compliance documents associated with the 2022 Reliability Compliance Program

was submitted to RCMS during the scheduled time period and found to be complete. R. Bolbrock asked about overlap between the NPCC Criteria and NYSRC reliability rules to coordinate compliance activity. R. Clayton stated that he will discuss the topic with the NYISO and report back. (AI-286-3)

63. 2023 Reliability Compliance Program – Attachment #6.3 R. Clayton presented attachment #6.3

64. 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 NYISO commenced the 2023-2032 Comprehensive Reliability Plan (CRP). As previously reported, the Reliability Needs Assessment (RNA) did not find any reliability needs and that no solutions will be developed in the CRP, but the RNA did identify a number of reliability risks which will be discussed in the CRP. Z. Smith stated that the 2023 Q1 Short Term Assessment of Reliability (STAR) has commenced. He noted that the load that is published in the 2023 Gold Book is expected to be higher than what was originally predicted in the 2022 Gold Book. The 2023 Gold Book will be published in April 2023. This increase in load could lead to a reliability risk in Zone J within the next five years. The Q1 STAR will look at the range of a possible load scenarios, the Q2 STAR will use the 2023 Gold Book load forecast. C. Wentlent stated that there is a gap to when a need may be identified and some peaker retirement dates. The NYISO will start stakeholder presentations on the Long Island OSW Public Policy Transmission Need in February.

72. NYISO Markets Report – R. Mukerji – Attachment #7.2 – R. Mukerji presented attachment #7.2. R. Mukerji stated that the NYISO is working closely with ICS and GE on MARS modeling improvements as they relate to several enhancements included in the report for the Capacity Aggregation Market Design.

73. NYISO Monthly Operations Report – J. Sawyer

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

7.3.2. NYISO Operations Report, January 2023 (long form) – Attachment #7.3.2 – J. Sawyer presented attachment #7.3.2. A. Markham stated that the peak load was 20,641MW which occurred on January 31, 2023. There were 0.0 hours of thunderstorm alert and 76 hours of NERC TLR level 3 curtailments in January. J. Sawyer reported on the cold weather that occurred on February 3 - 4. J. Sawyer stated that the NYISO was not surprised by the load experienced and the forecasts were good. Hydro Quebec set an all-time peak load of 42,700MW and needed assistance. Both NY and Ontario were exporting to the TIE limits into Hydro Quebec. It was noted that for the first time since 2016 New England was exporting to Hydro Quebec via the Phase 2 DC Interconnection. New Brunswick needed assistance due to loss of generation. Hydro Quebec did not have any generation loss. PJM also reported that they had surplus energy. It was noted that the dual fuel generation helped New York during this event. It was noted that a significant portion of the New York generation was running on oil and as well as New England. C. Wentlent asked that the NYISO highlight the dual fuel assistance in the NYISO post Winter Assessment.

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 Reliability Leadership Summit, an announcement from NYSERDA stating that New York

unveiled a Cap-and-Invest Program to reduce GHG Emissions, articles on the construction of a Major Microgrid project at JFK airport, the US Department of Energy Microgrid Database, the latest NYISO Blogs and Podcasts, and the NYISO Interconnection Queue: Storage / Solar / Wind / CLRs (Co-located Storage Resources).

9. Environmental Status Report/Issues – C. Wentlent – C. Wentlent stated that the last DEC/NYSRC call was held on January 19, 2023. C. Wentlent reported that Governor Hochul gave the State of the State address on January 10, 2023. In the address there was mention of an economy wide Cap-And-Invest Program. C. Wentlent stated there is discussion on a proposal requiring zero emissions in new buildings construction by 2025 for smaller buildings and 2028 for larger buildings. C. Wentlent stated there is discussion regarding a bench marking system to assign letter grades to buildings based on their energy usage statewide. C. Wentlent stated that DAR 21 and CP49 policies have been finalized and align with Section 7(3) of the Climate Act. C. Wentlent stated that he asked G. Jordan and J. Adams to review the NYSPSC/NYSERDA Energy Storage Roadmap to see if the NYSRC should be considered commenting on the document. The next NYSRC/DEC meeting will be held on March 9, 2023.

10. State/NPCC/Federal Energy Commission Activities –

101. NPCC Report – P. Fedora reported for M. Sasson and reported that the NPCC Board of Directors will be meeting on March 22, 2023

102. NERC Report - P. Fedora – P. Fedora stated the NERC Member Representatives Committee (MRC), and the NERC Board of Trustees (BoT) will meet on February 15 and 16. NERC is moving to a meeting format where in-person meetings will not be able to be viewed virtually. All the agendas are posted. The Reliability Security and Technical Committee will meet in March. At that meeting the Energy Reliability and Assessment Task Force, ERAFT will be presenting a white paper on considerations regarding performing energy reliability assessments which is and “how to” document providing guidance on performing an energy analysis. P. Fedora stated that FERC is expected to act on the NERC cold weather standards submitted by NERC in their meeting on February 16, 2023.

11. NAESB Activities – B. Ellsworth – B. Ellsworth stated that NAESB staff has captured 109 recommendations and proposals from the Gas-Electric Harmonization Forum. NASEB has issued a survey to try to narrow down the recommendations and proposals. B. Ellsworth recommended that it should be reviewed to see if it necessary to respond. B. Ellsworth, H. Schrayshuen and C. Wentlent will discuss next steps. (AI-286-4)

12. Visitor Comments – None to report.

13. Adjournment of the EC Open Meeting – S. Whitley made a motion to close the open Executive Committee Meeting #286. The motion was seconded by M. Domino. The meeting was adjourned at 12:53 p.m.

14. Future Meeting Schedule

| Meeting | Date | Location | Time |
|---------|-----------------|----------------------|---------|
| #286 | March 10, 2023, | Wolferts Roost/Webex | 9:30 AM |