

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC)
Meeting No. 274
February 11, 2022
Conference Call

Members and Alternates in Attendance:

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|-----------------------|---|
| Mayer Sasson | Consolidated Edison Co. of NY, Inc – EC Chair |
| Chris Wentlent | Municipal & Electric Cooperative Sector – Member – EC Vice Chair |
| Rich 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* |
| Deirdre Altobell | Consolidated Edison Co. of NY, Inc – Alternate Member |
| Mark Domino, P.E. | National Grid, USA – Member |
| Bruce Fardanesh | NYPA – Member |
| Tim Lynch | NYSEG and RG&E – Member |
| Patti Caletka | NYSEG and RG&E – Alternate Member* |
| Curt Dahl P.E. | PSEGLI-Member |
| Mike Mager | Couch White-(Large Customer Sector) – Member |
| Leonard Ashley | Independent Power Producers of NY (Wholesale Sellers Sector) – Member |

Other Attendees:

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|--------------------|---|
| Paul Gioia Esq. | Whiteman, Osterman & Hanna, LLP – NYSRC Counsel |
| Al Adamson | NYSRC Treasurer and Consultant |
| Phil Fedora | Northeast Power Coordinating Council Inc. |
| Brian Shanahan | National Grid, USA – ICS Chair |
| Matt Koenig | Consolidated Edison* |
| Gary Jordon | ICS Consultant |
| Diane Burman | NYS Department of Public Service* |
| Vijay Puran | NYS Department of Public Service* |
| Josh Boles | New York Independent System Operator* |
| Aaron Markham | 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* |
| Zach Smith | New York Independent System Operator* |
| Herb Schrayshuen | Power Advisors, LLC – EC Secretary |
| Andrea Calo | Customized Energy Solutions |
| Grant Flagler | Consolidated Edison |
| Keith Galarneau | Ravenswood Generating |
| Tim Lunden | LS Power |
| Elliott Nethercutt | NRRI |
| Ed Schrom | Consultant |
| Cori Tackman | Power Advisors, LLC |

“*” Denotes part-time participation in the meeting

1. Introduction – M. Sasson, EC Chair, called the NYSRC Executive Committee Meeting No. 274 to order at 9:30 a.m. on February 11, 2022. An initial quorum of 13 Members and Alternate Members of the NYSRC EC was established. M. Sasson introduced and welcomed Gary Jordan, the new ICS Consultant.

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

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

13. Requests for Executive Session Agenda Items – None requested.

14. Report on Executive Session January 14, 2022 – The topics of discussion in the January 14, 2022, closed session were the NYSRC Business Continuity Plan, and the decision to hire Gary Jordan as the new ICS Consultant.

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

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

21. Approval of Minutes for Meeting #273 (January 2022) – Attachment #2.1 – H. Schrayshuen introduced the revised draft minutes of the January 14, 2022, meeting which included all comments received as of February 9, 2022. M. Sasson clarified the discussion related to the glossary term for Emergency Transfer Limit which was added to the comments received. M. Domino made a motion to approve the minutes of Meeting #273 with the clarification as discussed. The motion was seconded by S. Whitley and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #273 posted on the NYSRC website.

22. Review of Outstanding Meeting Related Action Items List – Attachment #2.2 – H. Schrayshuen reviewed and updated the action item list with the meeting attendees’ input. P. Gioia stated that NYSRC Goal D should be listed as an action item with a March due date.

23. Review of Standing NYSRC Action Items – Attachment #2.3 - H. Schrayshuen presented attachment #2.3 providing a schedule of standing action items for 2022. The list was updated with the meeting attendees’ input. H. Schrayshuen stated that all Code of Conduct forms are completed except for one ICS member who is currently away. P. Gioia stated that items S3, S4, and S6 have been completed. M. Sasson asked A. Adamson to arrange with the auditor to resend the annual letter.

3. Organizational Issues

31. Treasurer’s Report - A. Adamson

3.1.1. Summary of Receipts & Disbursements - Cash Receipts and Disbursements – A.

Adamson - Attachment #3.1.1 – A. Adamson presented Attachment #3.1.1 – Statement of Cash Receipts and Disbursements for January 2022, noting the end of month balance is \$224,885.92 which includes \$30,000.00 of prepayments. A. Adamson stated the 1st Quarter Call for Funds has been completed.

3.1.2. 2022 Accountant Services – A. Adamson stated that he received a rate change notice from the NYSRC accounting firm Peterson, Campoli, and Associates CPAs, PPLC. The rate increase was projected during the 2022 budget preparation.

32. Other Organizational Issues –

3.2.1. Report on NYSRC Goals Status – R. Clayton – Attachment #3.2.1 – R. Clayton reported on the status of the items listed in attachment #3.2.1.

3.2.2. March EC Meeting location discussion –H. Schrayshuen stated that the

NYSRC EC currently has a room reserved at Wolferts Roost for March 11, 2022 and that he has obtained a camera to improve hybrid meetings. H Schrayshuen also stated that Wolferts Roost has informed him that they have increased their Wi-Fi bandwidth. These were the two concerns that arose from the November 2021 meeting. H. Schrayshuen opened the floor to discuss how the EC would like to proceed with the March 2022 meeting. After discussion, it was decided due to continuing travel restrictions through March, that the EC will meet virtually for the March 11, 2022 meeting. H. Schrayshuen will inquire about reserving a room for the April 2022 EC meeting. R. Clayton stated that RRS and RCMS will be moving their meeting location to the NYISO in 2022. M. Sasson thanked the NYISO for hosting the RRS and RCMS.

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 #257 on February 2, 2022.

4.1.1. 2023 ICS Milestone Schedule - Attachment #4.1.1 – EC Approval Item - B.

Shanahan presented the attachment which has the 2023 ICS Milestone Schedule. M. Domino made a motion to approve the proposed 2023 Milestone Schedule. The motion was seconded by M. Sasson and unanimously approved by the EC members in attendance (13 - 0).

4.1.2. 2022 ICS White Paper & Model Improvement Topics- B. Shanahan stated the ICS has settled on the White Papers to be completed for 2022. The schedule is outlined in attachment #4.1.1.

4.1.3. Updated High Renewables Phase 3 Draft Study Scope – Attachment #4.1.3 –

B. Shanahan stated that ICS discussed the draft scope for the High Renewables Phase 3 Study. It was decided to model as retired the “Peaker Units” based on the DEC Peaker Rule Assumptions as represented in the NYISO 2021 Q4 Short Term Assessment of Reliability. There was an ICS action item developed to consider a High Renewable Phase 4 study for 2023.

4.1.4. Public Appeal for Load Reduction Questions for Transmission Owners - B.

Shanahan stated that ICS presented at its meeting the question directed by the EC, which is to determine if Public Appeals for load reductions are formally part of Transmission Owner actions that are available to mitigate low voltage or high load conditions. The Transmission Owners that responded stated they did have Public Appeals as an operational tool, but aside from LIPA, they did not have the means to track the impact of Public appeals for load reduction.

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 summarizing RRS meeting #263 held on January 6, 2022.

52. List of Potential Reliability Rule (“PRR”) Changes – Attachment #5.2 – R. Clayton reviewed the List of Potential Reliability Rule Changes.

5.2.1. PRR 149 – Clarify the Interpretation of LOLE Reliability Risk Metric in the NYSRC Resource Adequacy Criterion and the Application of Multiple Reliability Risk Metrics in IRM and Resource Adequacy Assessments - #5.2.1 – R. Clayton presented an update on PRR 149. R. Clayton stated that

RRS has asked ICS, RCMS, and the NYISO for input on the PRR. M. Sasson asked G. Jordan to review PRR 149. R. Clayton stated that this PRR will add new glossary terms, and that the terms are utilizing IEEE definitions. R. Bolbrock stated that he believes that R2 in the draft PRR is not needed due to the fact that the called for metrics are already being included in the IRM Study process. R. Bolbrock further stated that the NYSRC is currently highlighting these metrics in the annual IRM Study and has established the Resource Adequacy Working Group to evaluate the metrics and their uses. He feels that establishing a rule that makes these metrics a requirement is not needed. C. Dhal stated making these metrics as part of the rule runs the risk of anon-compliance finding on something that is already being done. R. Clayton will take these comments back to RRS for consideration.

5.2.2. White Paper Final Scope: Consideration of PRRs for Extreme Weather & Extreme System Conditions – Attachment #5.2.2 – R. Clayton stated that the suggestion given at the last EC meeting have been incorporated into the draft scope. R. Clayton reviewed attachment #5.2.2 as the final scope. R. Clayton stated that RRS will be working on the white paper development using the presented scope.

53. Other RRS Issues – R. Clayton stated that the NYISO made a presentation on the Odessa Disturbance Report. R. Clayton stated that RRS is continuing to work on NYSRC Goals A.2. R. Clayton stated that he has reached out to the TOs to obtain input on this goal.

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

61. RCMS Status Report – R. Clayton reported on attachment #6.1, a summary of the RCMS Meeting #262 held on February 3, 2022. He reported that the RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS for the months of December [C8:R1]. R. Clayton stated RCMS also found the NYISO to be in full compliance for Long-Term Resource Adequacy Assessment for 2021-30. (A.3:R3)

62. 2021 Reliability Compliance Program – Attachment #6.2 – Attached for informational purposes.

63. 2021 RCMS Annual Report – Attachment #6.3 – A. Adamson presented attachment #6.3.

64. 2022 Reliability Compliance Program – Attachment #6.4 – EC Approval Item – A. Adamson presented attachment #6.4. A. Adamson stated that the 2022 Reliability Compliance Program has been reviewed and approved by the NYISO. R. Clayton made a motion to approve the 2022 Reliability Compliance Program. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance (13 - 0).

65. Other RCMS Issues – None to report.

7. NYISO Status Reports/Issues

7.1. NYISO Comprehensive System Planning Process – Z. Smith – Z. Smith stated that the NYISO is gathering data for the 2022 Reliability Needs Assessment (RNA). The RNA has a target completion date of November 2022. The NYISO posted the Short-Term Assessment of Reliability report (STAR) for the 4th quarter of 2021. There were no reliability needs identified

but margins for maintaining reliability are becoming smaller. Z. Smith stated that the STAR has been expanded to add and update the “tipping point” analysis regarding reliability each quarter. This will help identify the major drivers of the reliability analysis. Z. Smith highlighted that this quarter STAR report identifies new large loads, particularly crypto currency mining facilities. Due to their speed of coming online, these large loads were not included in the 2021-2030 Comprehensive Reliability Plan. Z. Smith stated the most recent generation retirements were also not included in the Q4 2021 STAR report but will be included in the Q1 2022 STAR report.

72. NYISO Markets Report – R. Mukerji – Attachment #7.2 – R. Mukerji presented attachment #7.2 stating that the proposal for capacity accreditation and buyer side mitigation measures was approved by stakeholders in November 2021 and has been filed at FERC. FERC sent a deficiency letter which the NYISO has 30 days to respond. R. Mukerji stated that other projects underway are Dynamic, Reserve, Transmission Shortage Pricing, and Improve Duct Firing Modeling for combined cycle facilities. FERC approved the filing on Distributed Energy Resources and will be implemented in 2022. M. Sasson asked if the system becomes mostly renewable resources, how do we count on our reserves? R. Mukerji said the NYISO looks at its net load forecast error, at high levels of renewables. If there is higher load forecast error, that will increase the amount of reserves the NYISO will procure. There was an extensive discussion of underfrequency load shedding. R. Mukerji emphasized Zach’s point on reexamining what are the reliability requirements.

73. NYISO Monthly Operations Report – W. Yeomans –

7.3.1. NYISO Operations Report, January 2022 (short form) – Attachment #7.3.1 - For information purposes only.

7.3.2. NYISO Operations Report, January 2022 (long form) – Attachment #7.3.2 – A. Markham presented the highlights page of attachment #7.3.2. A. Markham stated that the January peak load of 23,237 MW occurred on January 11, 2022. There were no hours of thunderstorm alerts and 297.08 hours of NERC TLR level 3 curtailments in January. A. Markham stated that the NYISO has added new charts to show the combined input of wind and solar daily and monthly.

8. Decarbonization & DER – M. Koenig-

81. 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 ERATF Workshop, EPRI reports, the NYISO Blog, and the NYISO Interconnection Queue: Storage / Solar / Wind / CLRs (Co-located Storage Resources).

9. Environmental Status Report/Issues – C. Wentlent

91. Report on NYSRC-NYS- DEC Meeting January 13, 2022 – Attachment #9.1 -C. Wentlent reviewed attachment #9.1, highlighting the State of State Address on January 5, 2022. C. Wentlent stated that the Climate Action Council released the Draft Scoping Plan, comments are due in April 2022. C. Wentlent highlighted the S.5939-A. C. Wentlent stated that the NYISO did provide some comments to the legislative body on this issue. The NYSRC has prepared comments if needed. C. Wentlent mentioned the whole RGGI program is under review. New York State will run a parallel RGGI review process. C. Wentlent stated that the NYSRC did submit comments in reference to NYS DEC DAR 21. C. Wentlent stated that a petition was filed by NYSERDA at the NY PSC regarding Agreements for Procurement of Tier 4 Renewable Energy Certificates. The petition included contracts for Clean Path New York and Champlain Hudson Power Express. It was noted that the NYSRC should monitor the PSC’s Transmission Planning Proceedings – Case number 20-E-0197. The next NYSDEC/NYSRC meeting will be held on March 3, 2022.

92. Comments of the NYSRC on NYSDEC DAR-21 – for informational purposes.

10. Resource Adequacy Working Group – C. Wentlent –

10.1. Draft RAWG Report – Attachment #10.1 – C. Wentlent and A. Adamson reviewed attachment #10.1 and asked for comments to be sent back by February 24, 2022. M. Sasson thanked C. Wentlent, A. Adamson, and the rest of the Working Group for their efforts. C. Wentlent thanked the NYISO, A. Adamson, and the Working Group.

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

11.1. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson reviewed attachment #11.1. M. Sasson suggested that when A. Adamson receives a “No” vote from NYSRC Members with no information on the reason for the “no” vote, the “no” response should not count when the NYSRC votes on the NERC standard

12. State/NPCC/Federal Activities – M. Sasson/P. Fedora – M. Sasson thanked R. Clayton and P. Gioia for leading the policy inputs that have been developed.

12.1. NPCC Report – M. Sasson stated the NPCC Board of Directors met on February 2, 2022. The NPCC Board of Directors has adopted a procedure to hold an additional NPCC Board Meeting in June to discuss only the grid transition. P. Fedora added that the NPCC Board of Directors approved the NPCC 2022 Corporate Reliability Goals. The goals include three focus areas, 1) Enhancing System Resilience and Assuring Energy Sufficiency, 2) Reliably Integrating the Resources Brought Forward by Decarbonization Objectives, Including Distributed Energy Resource and Variable Energy Resources, and 3) Addressing Cyber and Physical Security Threats. P. Fedora stated the NPCC RCC meeting will be March 2, 2022. P. Fedora stated the NPCC public website has been updated.

12.2. NPCC/NERC Report – P. Fedora - P. Fedora reviewed the NERC Board of Trustees (BoT) and the Member Representatives Committee (MRC) meetings held on February 10, 2022. The MRC discussed the comments received to the NERC BoT request for policy input regarding the proposed draft Fuel Assurance with Energy Constrained Resources Standard Authorization Request (SAR) in three areas; 1) regional market issues, 2) jurisdiction concerns, and 3) technical metric specificity. The NERC BoT approved new Committee leadership and memberships for 2022; the proposed reliability standard CIP-014.3 was approved for submission to FERC. There was also discussion regarding the plans to return to Face-to-Face meetings starting in May 2022.

12.2.1. NERC Energy Reliability Assessment Task Force (ERATF) – P. Fedora & W.

Yeomans – P. Fedora reported on the NERC Industry Workshop scheduled to be held on February 16, 2022 regarding the proposed SAR. R. Clayton reviewed the comments submitted by the NYSRC on the SAR, stating that you need criteria before assessments are required.

12.3. Implementation of Presidential Order on Securing the US Bulk Power Systems – NYISO & TO input – Administration/DOE 100-Day Plan – C. Patka said that there are no new developments to report.

12.4. Federal Legislation – H. Schrayshuen and R. Clayton – Attachment #12.4 – C. Patka stated that there has been no movement on physical and cyber security legislation.

12.5. State of New York Legislation – P. Gioia

12.5.1. NYSRC Comments on NY Senate Bill 5939-A-Attachment #12.5.1 – P. Gioia stated the comments have been completed and will be reviewed with the NYISO. P. Gioia will continue to work with the NYISO on the coordination of comments to the Senate. **(AI-274-1)**

12. NYSRC Comments on the Draft CAC Scoping Plan – M. Sasson stated that work has started on this and will be ongoing. M. Sasson thanked the group for their efforts.

13. NAESB Activities – B. Ellsworth – B. Ellsworth stated that the NAESB annual meeting will be held February 11, 2022.

14. Visitor Comments – None were offered.

15. Adjournment of the EC Open Meeting

The open Executive Committee Meeting #274 was adjourned at 1:23p.m.

16. Future Meeting Schedule

| Meeting | Date | Location | Time |
|----------------|----------------|-----------------|-------------|
| #275 | March 11, 2022 | WebEx | 9:30 AM |