

**Minutes**  
**New York State Reliability Council, LLC (NYSRC)**  
**Executive Committee (EC)**  
**Meeting No. 276**  
**April 8, 2022**  
**In Person Meeting and Conference Call**  
**Wolferts Roost Country Club**

**Members and Alternates in Attendance:**

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 -Webex
Mike Ridolfino	Central Hudson Gas & Electric – Member
Damian Interrante	Central Hudson Gas & Electric – Alternate Member
Mark Domino, P.E.	National Grid, USA – Member
Bruce Fardanesh	NYPA – Member
Mohammed Hossain P.E.	NYPA – Alternate Member - Webex
Tim Lynch	NYSEG and RG&E – Member - Webex
Patti Caletka	NYSEG and RG&E – Alternate Member - Webex
Curt Dahl P.E.	PSEGLI-Member - Webex
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 Treasurer and Consultant - Webex
Phil Fedora	Northeast Power Coordinating Council Inc.
Brian Shanahan	National Grid, USA – ICS Chair - Webex
Matt Koenig	Consolidated Edison* - Webex
Gary Jordan	ICS Consultant
Diane Burman	NYS Department of Public Service*
Leka Gjonaj	NYS Department of Public Service*
Josh Boles	New York Independent System Operator* - Webex
Tolu Dina	New York Independent System Operator - Webex
Rick Gonzales	New York Independent System Operator
Cameron McPherson	New York Independent System Operator* - Webex
Carl Patka	New York Independent System Operator
Zack Smith	New York Independent System Operator
Wes Yeomans	New York Independent System Operator
Herb Schrayshuen	Power Advisors, LLC – EC Secretary
Andrea Calo	Customized Energy Solutions - Webex
Matt Cinadr	E Cubed - Webex
Brett Cullen	Flatiron Energy -Webex
Grant Flagler	Consolidated Edison- Webex
Bob Gage	Robert R. Gage, PE, P.C. - Webex
Keith Galarneau	Ravenswood Generating - Webex

Erin Hogan	DOS – Utility Intervention Unit - Webex
Scott Leuthauser	Hydro Quebec
Ed Schrom	Consultant - Webex
Cori Tackman	Power Advisors, LLC
Eric Williams	Webex

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

**1. Introduction** – M. Sasson, EC Chair, called the NYSRC Executive Committee Meeting No. 276 to order at 9:32 a.m. on April 8, 2022. An initial quorum of 13 Members and Alternate Members of the NYSRC EC was established.

R. Gonzales spoke on behalf of the New York Independent System Operator (NYISO) thanking Wes Yeomans, Vice President of Operations, for his contributions to the NYISO. R. Gonzales noted the numerous contributions by W. Yeomans throughout his career and his time at Niagara Mohawk (National Grid) and the New York Independent System Operator. M. Sasson presented W. Yeomans with a plaque thanking him for his due collegiality, diligence, contributions, and support of the efforts of the NYSRC.

- 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 Executive Session Agenda Items** – None were requested.
- 14. Declarations of Potential “Conflicts of Interest”** – S. Whitely stated that he was invited to be part of a new project in a different state. It was decided by EC Counsel and the EC members in attendance that the project would not cause any conflict of interest with the activities of the NYSRC.

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

**21. Approval of Minutes for Meeting #275 (March 2022) – Attachment #2.1** – H. Schrayshuen introduced the revised draft minutes of the March 11, 2022, meeting which included all comments received as of April 7, 2022. M. Sasson made one editorial correction. M. Domino made a motion to approve the minutes of Meeting #275 as presented and amended. The motion was seconded by R. Bolbrock and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #275 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.

**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.

**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 March 2022, noting the end of month balance is \$226,795.19 which includes \$30,000.00 of prepayments.

**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. Reliability Assessment Advisory Working Group (RAAWG) scope and organizational discussion – Attachment #3.2.2**

– A. Adamson presented attachment #3.2.1. The formation of the work scope for the RAAWG is a result of the recommendation presented and accepted by the EC in the Resource Adequacy Metrics and their Applications report. A. Adamson asked for comments to be sent to A. Adamson and C. Wentlent by April 22, 2022. (AI-275-1)

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

**4.1. ICS Chair Report – B. Shanahan - Attachment #4.1** – B. Shanahan reviewed attachment #4.1 – Summary of ICS meeting #259 on March 29, 2022. B. Shanahan presented an update on the whitepaper status. There was a discussion on the Maintaining Operating Reserves during Load Shedding Events White Paper. R. Gonzales stated that this suggestion is a result of reports on events in California and Texas. The NYISO stated that it believes that maintaining some level of reserve (amount to be determined) in a load shedding event should be practiced to prevent a total system loss. G. Jordan confirmed that this approach will influence the overall IRM. G. Jordan stated that this change is more of a data change and that the NYISO has run some sensitivities and has not seen any unintended IRM results. M. Sasson stated that you cannot run a system with a zero reserve. M. Sasson stated that he believes that this change would put the IRM development process more in line with real-world operations but suggests starting with a level as low as possible. R. Gonzales stated that the NYISO is and will continue to be conscious of the cost associated with this proposal as it continues to work on development of the proposed change. B. Shanahan stated that the table presented with this topic is for informational purposes only.

B. Shanahan reviewed the assumptions that will be used in the High Renewable Phase 3 Draft White Paper. M. Younger stated that it is important to remember that these whitepapers are not forecasts but more of an in-depth sensitivity analysis to explore the issues.

B. Shanahan presented 2023-24 IRM Model Changes including a review of the recommended LFU Bin Structure. B. Shanahan stated that ICS discussion will continue as it prepares assumptions and sensitivities for the IRM Base Case. J. Boles stated that these changes were presented to the EC to obtain guidance on where time and effort should be focused. J. Boles stated that some of these topics have been studied for a few years. M. Younger supported the New Load Shape initiatives, due to the system changes including generation resources.

B. Shanahan asked for clarification on what would be acceptable for a final white paper product suggesting some of the topics lean toward a slide presentation instead of a formal whitepaper paper. The EC concluded that a slide presentation would be acceptable if the presentation was thorough and adequate for approval. The format would be determined on a case-by-case basis.

There was a quick discussion on public appeals. It was determined that ICS would restructure the question as follows “Was a public appeal issued and was there a noticeable load reduction results? and present the revised question to the Transmission Owners on an annual basis for tracking purposes.

## **4.2. Other ICS Issues**

**4.2.1. Discussion regarding renewable generation capacity factors** – C. McPherson presented attachment #4.2.1

**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 #266 held on March 31, 2022. R. Clayton stated that RRS continued to work on the NYSRC 2022 Goals.

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

**53. PRR 149 3-2-22 – Draft – Attachment #5.3** – R. Clayton presented attachment #5.3 requesting EC approval to post PRR 149 for comment. B. Ellsworth made a motion to approve posting PRR 149 for a 45-day comment period. The motion was seconded by R. Bolbrock and unanimously approved by the EC members in attendance (13 - 0). R. Clayton thanked the EC members who provided input, the NYISO staff, RRS members, and A. Adamson for their efforts in developing PRR 149.

**54. Other RRS Issues** – R. Clayton stated that Plug Power has agreed to give a presentation on their technology at the May 13, 2022, meeting. R. Clayton stated that NERC has issued a report on a California ISO event and RRS will be reviewing the report. R. Clayton stated on May 3<sup>rd</sup> IEEE will be having a webinar on inverter-based resources standards. M. Sasson stated that NYS, DOE and EPRI are also looking into Inverter-based resources standards. R. Clayton stated that there was a report issued by CIGRE about the need for synthetic inertia. RRS will also be looking into the topic.

**5.4.1. Draft NYSRC Guidelines for Communication with Policymakers –**

**Attachment #5.4 – P. Gioia** - P. Gioia reviewed attachment #5.4.1. M. Sasson asked for all comments to be submitted to P. Gioia by April 21, 2022. (AI-276-2)

**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 #264 held on March 31, 2022. He reported that the RCMS found the NYISO in full compliance for Real-Time Operations of the NYS BPS for the month of February 2022 [C8:R1]. R. Clayton stated RCMS also found the NYISO in full compliance for 2022 Locational Capacity Requirements (A.2:R1), NYISO Requirements for Con Ed Planning and Operation Procedures (G.1:R5), and NYISO Requirements for ConEd 10 Minute reserve Procedures (G.1:R6).

**62. Other RCMS Issues** – None to report.

**7. NYISO Status Reports/Issues**

**71. NYISO Comprehensive System Planning Process – Z. Smith** – C. Patka presented on behalf of Z. Smith. C. Patka stated that the NYISO is gathering data for the 2022 Reliability Needs Assessment. The Quarter 1 STAR will be issued by April 15, 2022. The NYISO presented the completed Viability and Sufficiency Assessment (VSA) for the Long Island Transmission Project to stakeholders. Based on a March 11, 2022, FERC order approving a tariff filing, the NYISO will implement a new process to distinguish proposed transmission facilities between new facilities and upgrades to existing facilities in the proposed transmission projects. If the developers choose to proceed, the sixteen viable and sufficient transmission projects will be evaluated and ranked for efficiency or cost-effectiveness.

**72. NYISO Markets Report – R. Mukerji – Attachment #7.2** – meeting participants were referred to the written Markets Report. There were no questions.

**73. NYISO Monthly Operations Report – W. Yeomans –**

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

**7.3.2. NYISO Operations Report, March 2022 (long form) – Attachment #7.3.2** – W. Yeomans presented attachment #7.3.2. W. Yeomans stated that the March peak load of 20,450 MW occurred on March 28, 2022. There were two hours of thunderstorm alerts and seven hours of NERC TLR Level 3 curtailments in March.

**7.3.3. Presentation on NYISO Status Report on FERC/NERC Cold Weather Recommendations – Attachment #7.3.3 - W. Yeomans and R. Gonzales** – R. Gonzales and W. Yeomans presented attachment #7.3.3. R. Gonzales stated that the NYISO supports all Joint FERC/NERC/ Cold Weather Report recommendations as outlined in the presentation. The EC intends to monitor the NERC standards development process with regards to NERC Cold Weather standards development, and if it is determined that the NERC standards as developed need to be more stringent in New York State, RRS will develop PRRs. Cold Weather Standards Development will be a regular agenda item for the NYISO Operating Report to the EC which will to continue to monitor progress on the issue.

## **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 an EPRI report titled, “Increasing Transmission Line Capacity Through Ratings,” two reports from the Energy Systems Integration Group titled “Grid Forming Technology and Integration” and “Design Requirements for a U.S. Macrogrid,” the latest NYISO Blogs and Podcasts, and the NYISO Interconnection Queue: Storage / Solar / Wind / CLRs (Co-located Storage Resources). R. Clayton stated that there are 71,602 MW of proposed projects on the NYISO Interconnection Queue.

**9. Environmental Status Report/Issues – C. Wentlent** – C. Wentlent stated that the next NYSDEC/NYSRC call will be held on May 12, 2022. C. Wentlent reported that the Climate Action Council has started to hold its public meetings and written comments on the Climate Action Council Scoping Plan are due June 10, 2022. C. Wentlent stated that NYSDEC has decided to delay the decision on the T4 and T5 air permits for the Bitcoin and Greenidge facilities for at least 60-90 days.

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

**10.1. NERC Standard Tracking – A. Adamson – Attachment #11.1** – A. Adamson reviewed attachment #11.1. stating that balloting will close on 4/15/2022 for CIP-002-7, CIP-003-9, CIP-004-7, CIP-005-8, CIP-006-7, CIP-007-7, CIP-008-7, CIP-009-7, CIP-010-5, CIP-011-3, CIP-013-3. A. Adamson stated the balloting for CIP-003-X began on 4/6/2022 and will close on 4/15/2022.

## **11. State/NPCC/Federal Activities – M. Sasson/P. Fedora –**

**11.1. NPCC Report** – M. Sasson asked P. Fedora to report on NPCC activities. P. Fedora stated that the NPCC Board of Directors meeting will be held on May 4, 2022. Potential agenda items will be the 2022 NPCC Summer Reliability Assessment and the Draft NPCC 2023 Business Plan and Budget.

**11.2. NPCC/NERC Report – P. Fedora** - P. Fedora stated that NERC plans to release its Summer Reliability Assessment on May 18, 2022. The NERC Board of Trustees (BoT) and the Member Representatives Committees will meet on May 11 and 12. The meetings will be in person in

Washington DC. The NERC BoT has issued a request for policy input due April 27, 2022. NERC released the GridEx VI Lessons Learned Report, and FERC announced a Technical Conference on Improving Winter-readiness of Generating Units for April 27 and April 28. H. Schrayshuen will circulate the NERC Policy input letter, the NERC GridEx VI Media Advisory, and the FERC Technical Conference information. (AI-276-3)

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

**Yeomans** – P. Fedora stated the ERATF will meet on April 12, 2022, to discuss the proposed Standard Authorization Requests (SARs).

**113. 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.

**114. Federal Legislation (Infrastructure Bill) impacts on the electric power system**

**activities – C. Patka** - C. Patka stated in January, DOE published a “notice of intent” regarding transmission funding opportunities under three provisions of the Bipartisan Infrastructure Law (Preventing Outages and Enhancing the Resilience of the Electric Grid / Hazard Hardening; Program Upgrading Our Electric Grid and Ensuring Reliability and Resiliency; and Transmission Facilitation Program). DOE is working on requests for information building off those notices that could be released in the near future.

**115. State of New York Legislation – P. Gioia/C/ Patka** – There are no new developments to report.

**12. NAESB Activities – B. Ellsworth** – B. Ellsworth stated that the NAESB committees met this past week. The NAESB Quarterly Report will be sent out.

**13. Visitor Comments** – W. Yeomans thanked the NYSRC EC for the recognition and plaque.

**14. Adjournment of the EC Open Meeting**

The open Executive Committee Meeting #276 was adjourned at 2:10 p.m.

**15. Future Meeting Schedule**

<b>Meeting</b>	<b>Date</b>	<b>Location</b>	<b>Time</b>
#277	May 13, 2022	Wolferts Roost/WebEx	9:30 AM