

Draft Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC)
Meeting No. 277
May 13, 2022
Conference Call

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
Deirdre Altobell	Consolidated Edison Co. of NY, Inc. – Alternate Member
Mark Domino, P.E.	National Grid, USA – Member
Bruce Fardanesh	NYPA – Member
Mohammed Hossain P.E.	NYPA – Alternate Member
Tim Lynch	NYSEG and RG&E – Member
Curt Dahl P.E.	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 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*
Vijay Puran	NYS Department of Public Service
Josh Boles	New York Independent System Operator*
Nicole Bouchez	New York Independent System Operator
Kevin DePugh	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
Robb Pike	New York Independent System Operator
Chris Sharp	New York Independent System Operator
Herb Schrayshuen	Power Advisors, LLC – EC Secretary
Andrea Calo	Customized Energy Solutions
Tim Cortez	Plug Power
Brett Cullen	Flatiron Energy
Grant Flagler	Consolidated Edison*
Bob Gage	Robert R. Gage, PE, P.C.
Keith Galarneau	Ravenswood Generating*
Erin Hogan	DOS – Utility Intervention Unit

Scott Leuthauser Hydro Quebec
Ed Schrom Consultant
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. 277 to order at 9:30 a.m. on May 13, 2022. An initial quorum of 12 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. Requests for Executive Session Agenda Items** – None were requested.
- 14. 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 #276 (April 2022) – Attachment #2.1** – H. Schrayshuen introduced the revised draft minutes of the April 8, 2022, meeting which included all comments received as of May 6, 2022. R. Clayton made a motion to approve the minutes of Meeting #276 as presented. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance (12 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #276 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 April 2022, noting the end of month balance is \$200,485.85 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 each of the NYSRC Goals as listed in attachment #3.2.1.
 - 3.2.2. Approval of Resource Adequacy Advisory Working Group (RAAWG) Scope – C. Wentlent – Attachment #3.2.2 – EC Approval** – C. Wentlent presented attachment #3.2.1. R. Clayton made a motion to approve the formation of the RAAWG. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance (12 - 0). Members of the working group were named including, C. Wentlent as Chair and M. Younger as Vice-Chair. Other members include the NYSRC RRS Chair, ICS Chair, A. Adamson - NYSRC Consultant, and J. Boles of the NYISO. H. Schrayshuen will coordinate NYSRC website changes to incorporate the group.
 - 3.2.3. Election of Officers for a one-year term, from August 1, 2022, to July 31, 2023 – P. Gioia** – P. Gioia stated that the NYSRC will elect officers in June 2022. C. Wentlent

has expressed interest in NYSRC EC Chair and M. Domino has expressed interest in NYSRC EC Vice-Chair.

3.2.4. Draft NYSRC Guidelines for Communications with Policymakers for discussion – P. Gioia – Attachment #3.2.4 – P. Gioia presented attachment #3.2.4 stating that he has incorporated all comments received. P. Gioia asked the EC to review the document for June 2022 approval.

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

4.1.1. ICS Chair Report – B. Shanahan - Attachment #4.1 – B. Shanahan reviewed attachment #4.1 – Summary of ICS meeting #2 on May 4, 2022. B. Shanahan stated that ICS has accepted the plan to adopt the enhanced GE ELR functionalities for modeling ELR units in the Preliminary Base case for the 2023-2024 IRM. This decision was made based on the previous sensitivity analysis over the last two years. C. Dahl requested a breakdown of the total EOP calls for the revised ELR modeling approach. The NYISO stated they would be as transparent as possible and there will be a breakdown in the Preliminary Base Case reports. J. Boles stated that, with the expected changes to the grid and load growth, the EOP calls will be reviewed regularly and the NYISO will inform ICS and the EC of changes. A. Adamson asked where external assistance occurs in the program steps. J. Boles stated it is the very last step before shedding load. C. Dahl thanked the NYISO for their continued efforts on this topic.

4.1.2. B. Shanahan presented 2023-24 IRM Model Changes including a review of the recommended LFU Bin Structure. B. Shanahan stated that ICS had a discussion to determine if the new shapes should be added to the Preliminary Base Case (PBC) or included as a sensitivity. M. Sasson suggested that the ICS take a conservative approach and perform a sensitivity case. R. Bolbrock stated that the current load shapes are out of date and the new vetted ones should be used. M. Younger agreed and stated that the new shapes would put upward pressure on the IRM and that is not a reason to not have the new load shapes included in the PBC. R. Bolbrock stated that he is ok with the Sensitivity approach as long as upward pressure on the IRM is not the reason in the Final Base Case. R. Bolbrock made a motion to include a Tan 45 analysis on the new Load Shapes in the IRM Report instead of incorporating them into the PBC. The motion was seconded by S. Whitley and unanimously approved by the EC members in attendance. (12 - 0) It was suggested to run this sensitivity as early as possible to give the NYISO time to incorporate the new Load Shapes into the Final Base Case if ICS and the EC agree to do so.

4.1.3. Maintaining Operating Reserves at Load Shedding – Y. Huang – Attachment 4.1.1 – B. Shanahan introduced the presentation stating that the NYISO has made a recommendation to maintain 350 MW of Operating Reserve for load shedding for the 2023-2024 IRM. This change is expected to increase the IRM by 1.2% but is more indicative of the NYISO's actual operating practice. Y. Huan presented attachment #4.1.2. After the presentation, there was a discussion on the recommendation. R. Gonzales confirmed that the practice of 350MW operating reserve is being used for NYISO reliability assessments and planning studies. S. Whitley made a motion to move with the process as presented but to do a special Tan-45 sensitivity study. The motion was seconded by C. Dahl, and unanimously approved by the EC members in attendance. (12 - 0) M. Sasson thanked the NYISO for their work on this effort.

4.2 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 #267 held on May 5, 2022.

5.1.1. Extreme System Conditions Draft White Paper (Goal B-1b) – A. Adamson – Attachment #5.1.1 – A. Adamson presented attachment #5.1.1. There was a discussion of the timeline, and that NERC is urging extreme weather process changes. It was noted that the study provides a roadmap to addressing extreme events but does not currently set corrective action. A. Adamson stated the study helps define the criteria which help develop the corrective action. R. Pike stated the NYISO does support this effort and has been through the draft report. Comments are due by May 20, 2022.

5.1.2. DER, IBR, Storage Resource Transition Draft Scope (Goal A-2a) – R. Clayton - Attachment #5.1.2 – R. Clayton states that the IEEE Standard 2800, which is not a required standard but a guideline, addresses several the interconnection requirements, test requirements, and timing of test requirements. IEEE has recommended that the local authority adopt these guidelines as rules to help with grid connection consistency. H. Schrayshuen stated that NERC has adopted FAC-1 and FAC-2 which will make it mandatory for a local authority to be able to take guidelines and make them standards. These changes will need FERC approval. R. Clayton reviewed attachment #5.1.2 stating that the scope proposes looking at forming a working group to assist in adopting IEEE 2800. The group would talk to all parties involved and develop PRRs as needed. M. Sasson stated that the NYISO interconnection queue has resources coming online and agrees NYSRC should have interconnection guidelines. C. Wentlent stated that the longer standards take to develop the more grandfathered projects there will be. R. Gonzales stated the NYISO supports this idea and would need to go through the rule-making process. C. Dahl questioned the jurisdiction of the standards. R. Clayton asked for comments to be sent in by May 20, 2022.

52. List of Potential Reliability Rule (“PRR”) Changes – Attachment #5.2 – R. Clayton reviewed the List of Potential Reliability Rule Changes. PRR 149 is posted for comments. Comments are due by May 26, 2022.

53. Plug Power Presentation – T. Cortez - Attachment #5.3 – T. Cortez presented attachment #5.3. When asked about the scalability of the Plug Power fuel cell technology to meet the CLCPA requirements outlined in the Draft Scoping Plan, T. Cortez stated that the technology is not ready for the level of need and scalability outlined in the Draft Scoping Plan.

54. Other RRS Issues – R. Clayton stated that NYSRC RRS has submitted comments to a NERC MRC request.

6. Reliability Compliance Monitoring Subcommittee (RCMS) Status Report/Issues –R. Clayton, RCMS Chair – No report

7. NYISO Status Reports/Issues

71. NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1 – Meeting participants were referred to the written report.

72. NYISO Markets Report – R. Mukerji – Attachment #7.2 – N. Bouchez presented on behalf of R. Mukerji. N. Bouchez presented attachment #7.2. stating that NYISO received an Order on May 10th on the Comprehensive Mitigation filing which accepted all the NYISO changes as

requested subjected to new filings. N. Bouchez also stated that the NYISO is finalizing its proposal with stakeholders on Constraint Specific Transmission Shortage Pricing and that the NYISO proposed a set of use cases for hybrid resources.

73. NYISO Monthly Operations Report – A. Markham –

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

7.3.2. NYISO Operations Report, April 2022 (long form) – Attachment #7.3.2 – A. Markham presented attachment #7.3.2. A. Markham stated that the April peak load of 18,249 MW occurred on April 7, 2022. There were .75 hours of thunderstorm alerts and 5 hours of NERC TLR level 3 curtailments in April.

7.3.3. Presentation on Winter 2021-2022 Cold Weather Operations - Attachment #7.3.3 – A. Markham – A. Markham – A. Markham presented attachment #7.3.3.

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 April Newsletter, NYSERDA Announcement, the latest NYISO Blogs and Podcasts, and the NYISO Interconnection Queue: Storage / Solar / Wind / CLR (Co-located Storage Resources).

9. Environmental Status Report/Issues – C. Wentlent – C. Wentlent stated that the NYSDEC/NYSRC call was held on May 12, 2022. The minutes of the call will be discussed at the June EC meeting.

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

10.1. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson referred meeting participants to the written report.

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

11.1. NPCC Report – M. Sasson stated the NPCC Board of Directors met on May 4, 2022. M. Sasson stated that NPCC staff reported on the NPCC 2022 Summer Reliability Assessment. M. Sasson asked P. Fedora to continue to report on the NPCC Board of Director meeting and other NPCC activities. P. Fedora stated that the NPCC Board of Directors also discussed the Draft NPCC 2023 Business Plan and Budget and received a presentation by NERC Board of Trustee Chair Kenneth DeFontes, Jr on the challenges NERC is facing and the expectation of the Regions. P. Fedora stated that NPCC Regional Standards Committee met on May 11, 2022 where it approved DER Guidance Document version 3. There was a NPCC DER/VER Forum held on May 12, 2022, which focused on electric vehicle charging and related load forecasting techniques. P. Fedora stated that New England set a new minimum daily load of approximately 7,000MW on May 1, 2022. He reported that NPCC planned a Compliance and Reliability webinar on May 17, 2022.

11.2. NPCC/NERC Report – P. Fedora - P. Fedora stated that the NERC Member Representatives Committee Meeting and NERC Board of Trustee (BoT) meeting were held on May 11 and May 12, 2022. There was a discussion of the FERC Transmission Planning NOPR. Comments are due 75 days from April 21, 2022. There was also a discussion led by DOE on supply chain concerns. DOE has formed a TIGER team with subject matter experts to address the concerns. James Robb, NERC CEO presented NERC’s 2023 proposed Business Plan and Budget. The NERC BOT approved the execution of the Amended and Restated Agreement on the

Implementation of the Quebec Reliability Standards Compliance Monitoring and Enforcement Program with the Quebec Régie. The NERC BOT discussed Standards Development, NERC 2022 Summer Reliability Assessment, and the NERC 2022 State of Reliability Report.

11.2.1. NERC Energy Reliability Assessment Task Force (ERATF) – P. Fedora– P. Fedora stated the ERATF is meeting May 13, 2022, to discuss the two proposed Standards Authorization Requests (SARs) regarding energy assessments with energy -constrained resources. The ERATF has incorporated comments received on the original SAR and it was separated into two; a Planning SAR and an Operations/Operations Planning SAR.. The ERATF is working on an energy assessments definition. There will be an industry webinar on May 19, 2022.

113. Implementation of Presidential Order on Securing the US Bulk Power Systems – NYISO & TO input – Administration/DOE 100-Day Plan – There are no new developments to report.

114. Federal Legislation (Infrastructure Bill) impacts on the electric power system activities - There are no new developments to report.

115. State of New York Legislation – There are no new developments to report.

12. NAESB Activities – B. Ellsworth – B. Ellsworth stated that the NAESB will be moving its office to a new location in Houston.

13. Visitor Comments – There were no comments.

14. Adjournment of the EC Open Meeting

The open Executive Committee Meeting #277 was adjourned at 2:41 p.m.

15. Future Meeting Schedule

Meeting	Date	Location	Time
#278	June 10, 2022	WebEx	9:30 AM