

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC)
Meeting No. 278
June 10, 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
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
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*
Gary Jordon	ICS Consultant
Matt Koenig	Consolidated Edison*
Gary Jordan	ICS Consultant
Diane Burman	NYS Department of Public Service
Josh Boles	New York Independent System Operator*
Yvonne Huang	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*
Chris Sharp	New York Independent System Operator
Zach Smith	New York Independent System Operator
Dylan Zhag	New York Independent System Operator
Herb Schrayshuen	Power Advisors, LLC – EC Secretary
Andrea Calo	Customized Energy Solutions
Matt Cinadr	E Cubed
Keith Galarneau	Ravenswood Generating
Erin Hogan	DOS – Utility Intervention Unit
William Lamanna	NERC

“*” Denotes part-time participation in the meeting

- 1. Introduction** – M. Sasson, EC Chair, called the NYSRC Executive Committee Meeting No. 278 to order at 9:30 a.m. on June 10, 2022. An initial quorum of 13 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 #277 (May 2022) – Attachment #2.1** – H. Schrayshuen introduced the revised draft minutes of the May 13, 2022, meeting which included all comments received as of June 3, 2022. Z. Smith made a change to section 4.1.3. R. Bolbrock made a motion to approve the minutes of Meeting #277 with the proposed change. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #277 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 May 2022, noting the end of month balance is \$111,824.63.
 - 3.1.2. Third Quarter Call-for-Funds – EC approval item** – A. Adamson recommended to the NYSRC EC that the third-quarter Call for Funds be \$30,000.00 per Transmission Owner due July 1, 2022. M. Domino made a motion to approve the Call for Funds. The motion was seconded by M. Mager and unanimously approved by the EC members in attendance. (13-0)
 - 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. Election of Officers for a one-year term, from August 1, 2022 to July 31, 2023 – P. Gioia** – P. Gioia asked for a motion to appoint C. Wentlent as NYSRC Chair, M. Domino as Vice-Chair, and A. Adamson as NYSRC EC Treasurer. S. Whitely made a motion to approve the NYSRC Officer selection as presented. The motion was seconded by M. Mager and unanimously approved by the EC members in attendance. (13-0) C. Wentlent and M. Domino thanked the EC for

the support. C. Wentlent also stated that that New York State is fortunate to have this group of people who work hard daily to keep the lights on. He stated that he is looking forward to working with the group to maintain that high level of performance going forward. R. Clayton thanked M. Sasson for his service as NYSRC Chair for the past two years.

3.2.3. Draft NYSRC Guidelines for Communications with Policymakers – P. Gioia – Attachment #3.2.3- EC Approval item – P. Gioia presented attachment #3.2.4. M. Domino made a motion to approve the NYSRC Guidelines for Communication with Policymakers. The motion was seconded by B. Ellsworth and unanimously approved by the EC members in attendance. (13-0)

3.2.4. Compensation Committee Report – P. Gioia – Tabled for Executive Session.

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 #261 on June 1, 2022. B. Shanahan stated that ICS reviewed the initial IRM Assumptions Matrix, received an update on the High Renewable Phase 3 study, and discussed the 2023-2021 IRM Sensitivity Cases and Preliminary Parametric Results.

4.1.1. New Generator Assumption Recommendations on PBC – Attachment #4.1.1

B. Shanahan presented attachment #4.1.1. J. Boles from the NYISO stated that the NYISO is confident with this list with one exception presented by M. Younger which is to include the Ball Hill Wind project in the Preliminary Base Case (PBC). M. Younger suggested that the NYISO to present this report to ICS prior to new generator assumption discussions. The NYISO stated they would be able to prepare this report for ICS in the future. ICS will present the Assumptions Matrix for approval at the July EC meeting.

4.1.2. High Renewable Phase 3 Updated Results - B. Shanahan stated the NYISO presented Part 2 of the study which included 6,000 MW of storage resources added after 27,000 MW of renewable resources were added to the system. The NYISO will present Part 3 of the study, which will remove the “Peaker Units” from the model, at the June 29, 2022 ICS meeting.

4.1.3. Preliminary List of 2023-2024 IRM Sensitivity Cases – B. Shanahan stated IRM Sensitives 1-5 are similar to those used in previous IRM Studies. J. Boles stated that sensitivities 6,7, and 8 are new functionalities. J. Boles stated that sensitivities 6 and 7 are built into the PBC. These sensitivities have been reviewed and tested for a few years and the sensitivities are listed as a cross-check. Sensitivity 8, the new Load Shapes, has not been built into the PBC. Sensitivity 8 will have a full Tan-45 analysis. There was a discussion regarding sensitivity 9. C. Dahl stated that the MW reduction listed in the chart for sensitivity 9 was incorrect. It would be 400 MW and not the 700-800 MW as stated. R. Pike stated that the table needs to be reworded. The sensitivity was for the Y49 cable work. C. Dahl stated that NYPA is reconductoring a section of the Y49 cable. C. Dahl stated that the replacement cable is on site.

4.1.4. Preliminary Parametric Results – Attachment #4.1.4 – B. Shanahan stated that the report on the preliminary results was presented for informational purposes.

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 #268 held on June 2, 2022.
 52. **List of Potential Reliability Rule (“PRR”) Changes – Attachment #5.2** – For information only.
 53. **PRR 149: Clarification to Resource Adequacy, Addition of LOLE and EUE Metrics –**
 - 5.3.1. **PRR 149 Clean – Attachment #5.3.1 – EC Approval Item** – R. Clayton presented PRR 149 stating that the PRR was posted for comment and no comments were received. R. Clayton stated that the RRS recommends and requests PRR 149 for EC approval. C. Wentlent made a motion to approve PRR 149 as presented. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (13-0) R. Clayton thanked A. Adamson and the rest of RRS for their contribution to the PRR.
 - 5.3.2. **PRR 149 Red Line 11-12-21 original vs final – Attachment #5.3.2 – Provided** for informational purposes only.
 54. **NYSRC Goals and Actions (EC Informational Items)**
 - 5.4.1. **Extreme Systems Conditions (Goal B-1b) – Draft White Paper – Attachment #5.4.1** – R. Clayton stated that a call with the NYISO is scheduled on June 10, 2022 to discuss the white paper. It was decided that after the NYISO’s comments are received H. Schrayshuen will distribute a Word version for additional EC comments. (AI-278-1)
 - 5.4.2. **DER, IBR & Storage Resource Transition (Goal 4-2a) – Draft Scope – Attachment #5.4.2** – R. Clayton reviewed attachment #5.4.2. Z. Smith stated that the NYISO has some concerns and encouraged the NYSRC to continue to work with the NYISO with the PRR being developed on inverters, as they have done in the past. There was discussion to turn the draft scope into a white paper. It was determined that this document would be kept as a scope and a white paper will follow. M. Sasson stated that there is a need to move with agility on this issue since the number of inverters in the system will grow rapidly, creating a reliability risk. Erin Hogan made a comment stating that regardless of when these requirements are put in place, if a generating unit needs to make a technical change due to a reliability issue, it should be required to do so. P. Gioia stated that it is a drastic measure, but the NYSRC can require the NYISO to address generating unit technical changes to maintain reliability. C. Dahl recommended that R. Clayton reach out to Reigh Walling who is an expert on utility inverters. S. Whitley made a motion to approve the scope as presented. The motion was seconded by M. Sasson and unanimously approved by the EC members in attendance. (13-0)
 55. **Other RRS Issues** – R. Clayton stated that NYSRC RRS has submitted comments to a NERC MRC request. There was a discussion of needing a subject matter expert to assist the NYSRC regarding applying the recently issued IEEE 2800 standard in New York State.
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 #265 held on June 2, 2022. He reported that the RCMS found the

NYISO in full compliance for Real Time Operations of the NYS BPS for the months of March and April. [C8:R1]. R. Clayton stated RCMS also found the NYISO in full compliance for Con Ed Planning and Operating Procedures (G.1: R1-4,7), NYISO Requirements for Con Ed loss of Gas Supply (G.2:R1), and Con Ed Loss of Gas Supply Procedures and Actions (G.2:R2).

62. 2022 Reliability Compliance Program – Attachment #6.2 – Attached for informational purposes.

63. 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 stating that NYISO is continuing work on the RNA. Z. Smith also stated that the NYISO has been working on a draft Reliability Planning Process manual update which is under review in the NYISO stakeholder process. Z. Smith encourages the EC to review presentations provided by the Economic Planning Team on the 2021-2040 System & Resource Outlook, Outlook. The Outlook will be reviewed with stakeholders through July 2022 with a publishing goal of Q3. The NYISO has identified sixteen viable and sufficient transmission projects to meet the Long Island Public Policy Transmission Need. The NYISO will continue to evaluate the projects. Z. Smith also stated the major components of the Western NY Public Policy Transmission need went into service.

72. NYISO Markets Report – R. Mukerji – Attachment #7.2 – R. Mukerji presented attachment #7.2. stating that NYISO received an Order on May 10th accepting all changes as requested on comprehensive buyer-side mitigation reform. R. Mukerji stated that the NYISO is working with stakeholders to evaluate capturing forecast uncertainty risks in the dynamic reserves design. R. Mukerji stated that the NYISO is also working with stakeholders to finalize the implementation details for distributed energy resource (DER) implementation.

73. NYISO Monthly Operations Report – A. Markham –

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

7.3.2. NYISO Operations Report, May 2022 (long form) – Attachment #7.3.2 – A. Markham presented attachment #7.3.2. A. Markham stated that the May peak load of 27,046 MW occurred on May 31, 2022. There were 13.7 hours of thunderstorm alerts and 40.2 hours of NERC TLR level 3 curtailments in May.

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 May Newsletter, the Joint EPRI/NATF/NERC Webinar on the IEEE Standard 2800-2022, presentation from the NPCC Distributed Energy Resources/Variable Energy Resources Forum, US DOE 2020 Smart Grid System Report, 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 –

9.1. Meeting Notes for NYSRC/EC Meeting on May 12, 2022 – Attachment #9.1 - C. Wentlent presented attachment #9.1 stating that the NYSDEC/NYSRC call was held on May 12, 2022. C. Wentlent stated the Climate Action Council extended the comment period on the scoping plan to July 1, 2022. C. Wentlent also stated the Climate Action Council has separated into three

subgroups focusing on Natural Gas Transition, Alternative Fuel, and How to Pay for it Economy Wide. C. Wentlent stated the NYS Legislative Session closed. The NYS Legislature approved changes to building codes and approve prospective a two-year moratorium on crypto-currency mining facilities, specifically ones using older fossil fuel plants to supply electricity. Both bills are subject to the Governor's approval. The NYS Legislature did not approve a ban on natural gas for new construction, S.5939, or S.8405-A. The DEC has received and compiled comments on DAR 21. The next NYSRC/DEC call will be on July 14, 2022.

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

10.1. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson stated that balloting for EOP-011-3, EOP-012-1 opens on 6/8/2022 and balloting for MOD-026-2 opens on 6/27/2022.

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

11.1. NPCC Report – M. Sasson stated the NPCC Board of Directors met on June 1, 2022 to discuss primarily administrative matters. M. Sasson stated the NPCC Board of Directors will meet on June 29, 2022 in Boston, MA. M. Sasson stated that Jim Robb NERC CEO will attend the June 29, 2022 meeting. M. Sasson also stated he will be speaking to the NPCC Board of Directors on June 13, 2022 on the Transitioning Grid. This meeting will be a kickoff meeting to develop an ad hoc group to keep the NPCC Board of Directors informed of matters resulting from the grid transition. M. Sasson asked P. Fedora to continue to report on the NPCC Board of Directors meetings. P. Fedora added that the NPCC Board of Directors will review and is expected to approve the proposed 2023 NPCC Business Plan and Budget, which was posted on the NPCC website for comment.

11.2. NPCC/NERC Report – P. Fedora - P. Fedora stated that the NERC Reliability and Security Technical Committee (RTSC), met on June 8-9, 2022, and endorsed the two Standard Authorization Requests (SARs) developed by the NERC Energy Reliability Assessment Task Force. The SARs will move on to the NERC Standards Committee, which will meet to develop a Standard Drafting Team to address the SARs. The RTSC did not endorse a SAR proposing modifications to EOP-004 and remanded it back to the NERC Inverter Based Resource Performance Working Group for rework. The RSTC did endorse the electro-magnetic pulse (EMP) Modeling SAR. FERC announced it will extend the comment period for the recent Transmission Planning NOPR to August 17, 2022. The FERC open meeting on June 16, 2022, includes the following agenda items: E-1 Improvement to Generator Interconnection Procedures and Agreements, E-2 Transmission System Planning Performance Requirements for Extreme Weather, and E-3 One-Time Information Reports on Extreme Weather Vulnerability Assessments, Climate Change, Extreme Weather, and Electrical System Reliability.

11.2.1. NERC Energy Reliability Assessment Task Force (ERATF) – P. Fedora – No report.

11.3. 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. Agenda item will be removed.

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

11.5. State of New York Legislation – C. Patka stated the NYISO will update the NYSRC on further details on the crypto currency moratorium, as the moratorium seems to be limited to certain new facilities.

12. NAESB Activities – B. Ellsworth – B. Ellsworth stated that the NAESB will initiate a program looking into responsibly sourced natural gas. C. Wentlent stated that this activity should be monitored by the NYSRC.

13. Visitor Comments – M. Cinadr made a comment stating that he came across an article which supports the continued use of natural gas. He forwarded the article to the NYSRC EC Secretary.

14. Adjournment of the EC Open Meeting

The open Executive Committee Meeting #278 was adjourned at 12:32 p.m.

15. Future Meeting Schedule

Meeting	Date	Location	Time
#279	July 8, 2022	Wolferts Roost/WebEx	9:30 AM