

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC)
Meeting No. 269
September 10, 2021
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 – EC Chair, RRS Chair, RCMS Chair
Bruce Ellsworth, P.E.	Unaffiliated Member
Steve Whitley	Unaffiliated Member
Frank Pace	Central Hudson Gas & Electric – 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	PSEGLI-Member
Mike Mager	Couch White-Large Customer Sector – Member
Leonard Ashley	Independent Power Producers of NY (Wholesale Sellers Sector) – Member
Christopher LaRoe	Brookfield Renewable Energy Group (Wholesale Sellers Sector) – Alternate 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
Brian Shanahan	National Grid, USA – ICS Chair
Phil Fedora	Northeast Power Coordinating Council, Inc.
Matt Koenig	Consolidated Edison*
Diane Burman	NY Public Service Commission*
Vijay Puran	NYS Department of Public Service
Josh Boles	New York Independent System Operator*
Nate Gilbraith	New York Independent System Operator*
Rick Gonzales	New York Independent System Operator
Rana Mukerji	New York Independent System Operator*
Carl Patka	New York Independent System Operator
Zach 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
Matt Cinadr	E Cubed LLC
Scott Leuthauser	Hydro Quebec
Norman Mah	Consolidated Edison Energy
Ed Schrom	Consultant
William Clagett	Consultant and former EC Member
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. 269 to order at 9:30 a.m. on September 10, 2021. 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 – H. Schrayshuen stated that there were two changes to the agenda. Item #3.2.2 was added to discuss any changes to the current face-to-face meetings schedule for the remainder of 2021. Item #4.2.2 was added by ICS to discuss the Public Appeals Questionnaire.

13. Requests for Executive Session Agenda Items – An executive session was not scheduled or requested for the September meeting.

14. Report on Executive Session Meeting #268 – M. Sasson reported that in the prior Executive Session the EC was briefed on a potential reliability concern on Long Island. C. Dahl stated that PSEG-LI was concerned and prepared for a reliability issue but due to several proactive measures taken no reliability issues occurred. M. Sasson reported also that the EC continued its discussion on the 2022 Draft Budget.

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

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

21. Approval of Minutes for Meeting #268 (August 2021) – Attachment #2.1 – H. Schrayshuen introduced the revised draft minutes of the August 13, 2021, meeting which included all comments received as of September 3, 2021. M. Sasson made several changes to the minutes. S. Whitley made a motion to approve the minutes of Meeting #268 with the proposed changes. 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 #268 posted on the NYSRC website.

22. Review of Outstanding Action Items List – Attachment #2.2 – H. Schrayshuen reviewed and updated the action item list with the meeting attendees’ input. P Gioia stated that **AI-269-1** is to be added to capture the biennial payment to the New York State Department of State, due in November.

3. Organizational Issues

3.1. 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 August 2021, noting the end of month balance of \$196,063.93 which includes \$55,000.00 of prepayments.

3.1.2. Q4 2021 Call for Funds – EC Approval Item – A. Adamson stated that he recommends the EC approve \$25,000.00 for the 4th quarter 2021 call for funds from each Transmission Owner. M. Domino made a motion to approve the 4th quarter Call for Funds of \$25,000.00 from each Transmission Owner. The motion was seconded by M. Sasson and unanimously approved by the EC members in attendance (13 – 0).

3.1.3. NYSRC Draft 2022 Budget – Attachment #3.1.2 – EC Approval Item – M. Sasson stated that some EC Members inquired regarding the current rounding policy for compensation to those NYSRC contractors that have hourly fees. It was decided

that the rounding of hourly fees should be discontinued. Due to this decision, a vote on the 2022 Budget and Funding Mechanism was postponed to October 2021 EC Meeting to allow time for preparation of revised figures for approval.

3.1.4. NYSRC 2022 Funding Mechanism – Attachment #3.1.3 – EC Approval Item – It was determined after the discussion above there will be one vote to approve the budget and funding mechanism in a single ballot. The vote on the budget and funding mechanism were postponed to the October 2021 EC Meeting.

32. Other Organizational Issues

3.2.1. 2022 NYSRC Goal – R Clayton - R. Clayton stated the subcommittees will continue to meet to develop the 2022 goals. M. Sasson appointed Roger Clayton as the point person for this project.

3.2.2. 2021 Meeting Location Discussion - H. Schrayshuen stated that the reservation at Wolferts Roost for the October 2021 EC meeting has been cancelled. H. Schrayshuen requested the EC to determine if hosting a face-to-face meeting in November 2021 and December or 2021 will be a feasible option for the EC given the member companies travel restrictions. **AI-269-2**

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 #249 on August 4, 2021.

4.1.1. Preliminary Base Case Parametric Results – Attachment #4.1.1 - B.

Shanahan stated that at the ICS meeting the ICS reviewed the 2022 Preliminary Base Case Tan 45 Results. The ICS asked the EC to review the Tan 45 results and provide any comments.

4.1.2. Preliminary Base Case Review – Attachment #4.1.2- EC Approval Item – B.

Shanahan presented attachment #4.1.2 stating that the ICS recommends Table 6-1 for EC approval. P. Gioia suggested adding language to explain why adding low-capacity resources to the system causes an increase to the IRM. C. Dahl asked whether the SCR call concern that was discovered in 2021 IRM study was impacting the 2022 IRM study. N. Gilbraith stated the SCR calls in the simulation are down significantly from the previous analysis and more in line with the outcomes experienced in operations. After further discussion, S. Whitley made a motion to approve the Preliminary Base Case. The motion was seconded by R. Clayton and unanimously approved by the EC members in attendance (13-0).

42. Other ICS Issues

4.2.1. Emergency Operating Plans - Public Appeals Questionnaire – Attachment

#4.2.1 - B. Shanahan stated that due to previous discussions on Public Appeals, the ICS was tasked with tracking public appeals annually. The ICS developed attachment #4.2.1 for EC discussion. After discussion, it was decided that the ICS will review the document with the EC comments and the EC will determine how often the questionnaire should be circulated to the TOs for response. **AI-269-3**

5. Reliability Rules Subcommittee (RRS) Status Report/Issues –R. Clayton, RRS Chair

51. RRS Status Report – R. Clayton reviewed attachment #5.1 summarizing the RRS meeting that occurred on September 2, 2021. R. Clayton stated that there are currently no PRRs. The next RRS meeting will be held on October 7, 2021.

52. Other RRS Issues – R. Clayton stated that RRS discussed the NYSRC Goals and

Actions draft. RSS also started discussion on a new glossary term for Emergency Transfer Limit and reviewed and discussed the 2021-2030 NYISO Comprehensive Reliability Plan, specifically the Wind Lull scenario. R. Clayton stated that NYISO looked at various wind lull assumptions. The wind lull study did not find any adverse reliability impact for the loss of land-based wind. The study did show a need for compensatory capacity to support the system during wind lulls that impact offshore wind resources interconnected into Zone J & K to meet LOLE criteria. This analysis is ongoing. Z. Smith stated that the main focus of the study was to explore what is needed to achieve the 70x30 goal. In the ongoing analysis, the NYISO will be looking at the inertia needed to maintain a stable system with intermittent resources.

R. Clayton reported on the NPCC Reliability Coordinating Committee meeting September 9, 2021. R. Clayton stated that at the meeting there was a presentation on mitigation of Bulk Power System protection risk reduction. There was a discussion on NPCC Goals for 2021 & 2022. The NPCC DER/VER Forum will be held on October 14, 2021. P Fedora stated that NPCC Directory #12 was retired because the material in it was superseded by a NERC NPCC Regional Reliability Standard. There was a discussion regarding cyber security. S. Whitley asked for an updated presentation on cyber security from the NYISO. (AI-269-4) H. Schrayshuen will arrange for an executive session presentation.

5.2.1. EPRI Project “Resource Adequacy in a Decarbonized Future” – Attachment 5.2.1 - R. Clayton presented the slides in attachment #5.2.1 on the EPRI Project. After the presentation P Fedora stated that NPCC will become a project participant. M. Sasson stated he has asked R. Clayton to continue to monitor the project and report back to the EC as its own agenda item. (AI-269-5)

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

6.1. RCMS Status Report – R. Clayton reported on attachment #6.1, a summary of the RCMS Meeting #257 held on September 2, 2021. He reported that the RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS for the months of June and July (C8:R1). RCMS also found the NYISO in full compliance for Applications of NYSRC Rules (C6:R1-R2), Exceptions to the NYSRC Rules (C7:R1), and Mitigation of Major Emergencies (D1:R1-R8). RCMS also approved the NYISO 2021 Interim Area Transmission Review (B.2:R.1) contingent upon no material changes following detailed RCMS review and NPCC RCC approval.

6.2. Other RCMS Issues – None to report

7. NYISO Status Reports/Issues

7.1. NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1 – Z. Smith stated that the NYISO is continuing work on the 2021-2030 Comprehensive Reliability Plan (CRP). A draft of the plan was presented to stakeholders at the Electric System Planning Working Group (ESPWG) meeting. Z. Smith stated he will present the findings of the CRP to the NYSR EC at its November 2021 Executive Committee Meeting. M. Sasson agreed to a presentation. (AI-269-6). There was discussion on the FERC Advance Notice of Proposed Rulemaking (ANOPR). The ANOPR comments are due on October 12, 2021. Reply comments are due on November 30, 2021. It was suggested that the NYSRC review the comments that

NYSRC Exec. Comm. Meeting No.269

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are filed and make its comments in the reply period. Z. Smith stated that the NYISO issued a solicitation for solutions to a Long Island reliability need on August 12, 2021. The solicitation for solutions is in response to the Long Island Export Public Policy Transmission Need identified as a result of the Climate Leadership and Community Protection Act (CLCPA) impacts. The responses to the solicitation are due to the NYISO on October 11, 2021.

72. NYISO Markets Report – R. Mukerji – Attachment #7.2 – R. Mukerji presented attachment #7.2, stating that the NYISO is working on expanding the principals addressing capacity eligibility and tailored availability metric to other areas of the capacity market. R. Mukerji stated that the ancillary service shortage pricing changes were implemented on July 13, 2021. The NYISO has been considering a Dynamic Reserve approach that will explore more efficient scheduling of operating reserves based on system conditions and transmission system capability. This will not only allow for appropriate reserves to be procured to cover the largest generating source contingency that could potentially occur under the current system conditions but will also allow for more reserves to be scheduled where it is cost-effective. R. Mukerji also stated that the NYISO will be implementing the hybrid co-located model and the hybrid aggregation model in 2021.

73. NYISO Monthly Operations Report – W. Yeomans – W. Yeomans stated that the 2021 Hot Weather report will be presented in October 2021.

7.3.1. NYISO Operations Report, August 2021 (short form) – Attachment #7.3.1 – Provided for information purposes only.

7.3.2. NYISO Operations Report, August 2021 (long form) – Attachment #7.3.2 – W. Yeomans presented attachment #7.3.2. W. Yeomans stated that the August peak load of 30,309 MW occurred on August 26, 2021. There were 13.3 hours of thunderstorm alerts and 0 hours of NERC TLR level 3 curtailment in August. W. Yeomans stated that on July 15, 2021, the Y-50 transmission line tripped and is undergoing repair. The line is due back in service in September. On August 6, 2021, the Y-49 transmission line went out of service. The Y-49 line is due back in service in October. These outages caused tight margins in August. Hurricane Larry and Hurricane Ida caused heavy rain in parts of the state.

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 August Newsletter which provided information on NERC Report: “ERO Reliability Risk Priorities” and the NERC Report: “2021 State of Reliability”, an Assessment of the 2020 Bulk Power System Performance. M. Koenig also discussed the EPRI Energy Storage Integration Council (ESIC), and EPRI Report titled “Understanding Usable Energy in Battery Energy Storage Systems”, an EPRI LCRI Report titled Powering Decarbonization: “Strategies for Net CO2 Emissions”, and the NYISO interconnection queue status. M. Koenig noted the following upcoming events, NERC Annual Monitoring and Situational Awareness Technical Conference, NERC / NATF / EPRI Power System Planning, Modeling and Analysis, and the EPRI Power Distribution and Utilization Conference (membership required).

9. Environmental Status Report/Issues – C. Wentlent – C. Wentlent stated the next call with the NYS DEC is scheduled for Thursday, September 16, 2021.

10. Resource Adequacy Working Group – C. Wentlent – Nothing to report.

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 stating that the NYSRC voted affirmative on August 24, 2021, for all proposed modifications to CIP Standards, 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-010-3, CIP-013-3. H Schrayshuen reported on the update of NYSRC registration as a NERC member and in the Registered Ballot Body.

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

12.1. NPCC Report –M. Sasson – The NPCC Board of Directors met on September 1 for a strategy session and September 2 for the regular Board Meeting. M. Sasson noted that the NPCC Board of Directors were presented with a 2021 Corporate Goals update. He noted the goals have four major areas and that 50% of the goals are related to decarbonization of the power system. Three NERC Trustees participated in the meeting including the CEO of NERC J. Robb. For the September 1 strategy session there were presentations by Dragos, The Brattle Group and the Analysis Group. P. Brandien presented on the ISO-NE renewables impact study. M. Sasson provided a presentation based on the NYSRC report to the CAC. P. Fedora stated the NPCC Board of Directors will consider the presentations presented at the strategy session for future direction of NPCC. All Board members are preparing comments and thoughts for revision to the NPCC Strategic Plan for the October 27 Board meeting. When the NPCC strategic plan is adjusted, the revised plan will be used to develop the 2022 NPCC Corporate Goals. S. Whitley inquired whether NPCC will be commenting on the FERC ANOPR and P. Fedora reported that there will be a joint NERC/Regional Entity submittal to FERC. As the group discussed the next steps for the ANOPR, it was concluded that the ANOPR process will offer ample opportunity for future comment as it involves.

12.2. NPCC/NERC Report – P. Fedora - P. Fedora stated that on August 24, 2021, FERC issued an order approving the modifications to three standards to address cold weather reliability issues. NERC held a webinar on cold weather preparations, which was recorded and is posted on the NERC website. The NERC Reliability and Security Technical Committee (RSTC) meeting was held on September 8 and 9, and materials are posted on NERC website. P. Fedora noted the RSTC accepted a Reliability Guideline: “DER Forecasting” to post for a 45-day comment period. The annual FERC Reliability Technical Conference will be held on September 30, 2021.

12.3. NERC Energy Reliability Assessment Task Force (ERATF) – P. Fedora & W. Yeomans – P. Fedora stated there was a status report given at the September 9, 2021, RSTC meeting. The industry survey on energy limited resource issues was due by September 7, and comments are being reviewed. The ERATF Sub-team is reviewing the NERC standards and Guidelines with respect to energy assurance, and to identify any gaps. The ERATF stated its goal is to bring a recommendation to the NERC RSTC at its December 14-15, 2021 meeting.

12.4. Implementation of Presidential Order on Securing the US Bulk Power Systems – NYISO & TO input – Administration/DOE 100-Day Plan – C. Patka stated that Presidential Executive Order on Electric Sector Supply Chain Security remains in effect but its authorizing emergency determination has expired, and thus has no enforcement. The current administration has issued some cyber security executive orders, a national security memorandum on cyber security for circuit control

systems. Some legislation has been proposed in Congress on cyber security incident notification, and several cyber security bills have passed the House but have not moved forward in the Senate.

13. NAESB Activities –B. Ellsworth stated the NASEB Board meeting was held September 2, 2021. It was noted that FERC is encouraging NASEB to investigate renewable natural gas and hydrogen business standards.

14. Visitor Comments – M. Cinadr had a comment on resource adequacy and capacity associated with the purchase of energy. M. Sasson noted that the notion of capacity adequacy may need to include the energy behind the capacity. M. Cinadr suggested that the NYSRC work towards a new definition of resource adequacy to consider the new energy paradigm resulting from decarbonization.

15. Adjournment of the EC Open Meeting – The open Executive Committee Meeting #269 was adjourned at 1:27p.m.

16. Future Meeting Schedule

Meeting	Date	Location	Time
#270	October 15, 2021	WebEx	9:30 AM