

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 260
December 4, 2020 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
Frank Pace	Central Hudson Gas & Electric – 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
Rick Brophy	NYSEG and RG&E – Alternate Member
Curt Dahl, P.E.	PSEGLI - Member
Mike Mager	Couch White-Large Customer Sector – Member
Matt Schwall	Independent Power Producers of NY – Wholesale Sellers Sector- Member
Mark Younger	Hudson Energy Economics – Wholesale Sellers Sector – Alternate Member
Chris LaRoe	Brookfield Renewable Energy Group– Wholesale Sellers Sector – Alternate
Member	

Other Attendees:

Paul Gioia Esq.	Whiteman, Osterman & Hanna, LLP – NYSRC Counsel
Al Adamson	NYSRC Treasurer and Consultant
Ruby Chan	Central Hudson Gas and Electric – ICS Chair
Greg Drake	NYRSC ICS Consultant
Phil Fedora	Northeast Power Coordinating Council, Inc.
Diane Burman	NYS Department of Public Service
Leka Gjonaj	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
Yvonne Huong	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
Zack Smith	New York Independent System Operator
Wes Yeomans	New York Independent System Operator
Matt Koenig	Consolidated Edison Co. of NY, Inc
Herb Schrayshuen	Power Advisors, LLC – EC Secretary
Howard Kosel	Consolidated Edison Co. of NY, Inc
Mariann Wilczek	PSEGLI*
Brian Shanahan	National Grid
Scott Leuthauser	Hydro Quebec
Alan Ackerman	Customized Energy Solutions
Daniel Mahoney	NYPA
John Cordi	NYPA*

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Matt Cinadr	E Cubed
Ed Schrom	Consultant
Keith Galarneau	Ravenswood Generating*
Marie French	Politico Albany*
Mark Hall	ConEd Energy*
Andrew Davis	Brookfield Renewable*
Tomasz Dziedzic	Brookfield Renewable*
Matthieu Plante	Hydro Quebec*
Johnathan Newton	Direct Energy*
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. 260 to order at 9:30 a.m. on December 4, 2020. An initial quorum of 13 Members and Alternate Members of the NYSRC EC was established.
 11. **Identification of Visitors** – Visitors on the phone were identified.
 12. **Requests for Additional Open Session Agenda Items** – No additional agenda items were requested.
 13. **Requests for Executive Session Agenda Items** – No Executive Session agenda items were requested.
 14. **Declarations of Potential “Conflict of Interest”** – There were no declarations of new potential conflicts of interest.

2. **Meeting Minutes/Action Items List – H. Schrayshuen**
 21. **Approval of Minutes for Meeting #259 (November 2020) – Attachment #2.1** – H. Schrayshuen introduced the revised draft minutes of the November 13, 2020 EC meeting which included all comments received as of November 27, 2020. M. Domino made a motion to approve the minutes of Meeting #259. 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 #259 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.

3. **Organizational Issues**
 31. **Summary of Receipts & Disbursements – A. Adamson**
 - 3.1.1. **Statement of Cash Receipts and Disbursements – A. Adamson – Attachment #3.1.1** – A. Adamson presented attachment #3.1.1 – Statement of Cash Receipts and Disbursements for November 2020, noting the end of month balance of \$155,151.94. The end of month balance includes a member prepayment of \$25,000.00. The projected year-end actual expenses are \$8,000.00 under the budget.
 - 3.1.2. **2021 NYSRC Cash Flow – Attachment #3.1.2 – A. Adamson – A.** Adamson presented attachment #3.1.2 that is used to project the quarterly call for funds for 2021. A. Adamson stated that the timing of meeting expenses in the monthly cash flow are based on the decision to hold EC and subcommittee meetings via WebEx for the first half of 2021 due to the pandemic.
 - 3.1.3. **First Quarter Call for Funds - A. Adamson** – A. Adamson recommended an annual membership fee of \$5,000.00 per member plus \$25,000.00 from each TO

for the first quarter call for funds for 2021. R. Clayton made a motion to approve the call for funds for the first quarter as recommended. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance (13 - 0).

32. NYSRC Policy for Distribution of Market Sensitive Documents – M. Sasson – Attachment #3.2 – M. Sasson presented attachment #3.2. After discussion it was decided to table this topic until January 2021. M. Sasson asked for all comments regarding Attachment #3.2 be submitted for review.

33. Other Organizational Issues – None to report.

4. Installed Capacity Subcommittee (ICS) Status Report/Issues – R. Chan, ICS Chair

4.1. ICS Chair Report – R. Chan - Attachment #4.1 – R. Chan reviewed Attachment #4.1 – Summary of ICS meeting #241 on November 30, 2020. J. Boles reviewed a special sensitivity case conducted on the Final Base Case (FBC) IRM at the request of the ICS membership. J. Boles stated that the special sensitivity case reinstates the past process of utilizing a five SCR call limit per month. The special sensitivity case conducted reflects a more accurate representation of how SCRs are applied. With the previous approach of fifteen SCR calls a year, the model results did not accurately reflect that SCRs are called upon mostly during the summer months. Accordingly, the NYISO and ICS recommended that the EC adopt the 20.7% IRM result as the replacement final base case IRM for 2021, replacing the previously approved final base case of 21.3%. After discussion, M. Sasson directed the ICS to conduct discussion on the SCR model method and report back with a scope on how the SCR issue should be modeled in the 2022 IRM study. M. Mager made a motion to approve the recommended 20.7% as the new final base case replacing the previously approved final base case. The motion was seconded by C. Wentlent and unanimously approved by the EC. (13-0).

4.1.2. Review and approval of the final Technical Study Report and Appendices – Attachment #4.1.2B – G. Drake – G. Drake discussed attachment #4.1.2B which reflects 20.7% as the Final Base Case. Since the technique used for Sensitivity 6 is not approved, the EC requested that the language be modified on page 22 of the draft. The EC also requested that a change be made on Table 6-1, page, 21. A. Adamson proposed a clarifying change by adding a footnote to Table 6-1. C. Dahl suggested a footnote on page 54 of the appendices stating there will be continuing studies to examine SCRs in 2021. S. Whitely made a motion to approve the Final Technical Study Report and Appendices with the proposed changes. The motion was seconded by M. Domino and unanimously approved by the EC (13-0). P. Gioia requested a copy of the final report in WORD to complete the necessary filing with the FERC and the PSC.

4.1.3. Review of Remote Balloting mechanism and Balloting of approval of IRM – Attachment #4.1.2 – H. Schrayshuen & P. Gioia – H. Schrayshuen and P. Gioia reviewed the virtual IRM voting procedure with the NYSRC EC members. M. Sasson took a voting member roll call.

The Straw Poll vote resulted in three possible IRM results of 20.7%, 22.0% and 20.5%. Round One of the ballots produced 11 votes for 20.7%, resulting in the 2021 IRM set at 20.7%

4.1.4. Approval of resolution for 2021-2022 IRM – Draft Resolution – Attachment #4.1.3 – H. Schrayshuen IRM Resolution, Attachment #4.1.3

Item 7. as shown below:

NOW THEREO BE IT RESOLVED, that in consideration of the factors described above, the NYSRC finds that an IRM requirement at 20.7%, which equates to an ICR of 1.207 times the forecasted NYCA 2021 peak load, will satisfy the criteria for resource adequacy set forth in the NYSRC's Reliability Rule A.1; and hereby sets the NYCA IRM requirement for the May 1, 2021 to April 30, 2022 Capability Year at 20.7%.

M. Domino moved to approve the resolution. The motion was seconded by S. Whitley and unanimously approved by the EC members in attendance (13 - 0).

M. Sasson thanked Ruby Chan, Greg Drake, John Adams, Al Adamson, NYISO and all of ICS members for their efforts in preparing the 2021 IRM Study Report. M. Sasson also thanked R. Chan for chairing ICS in 2020. M. Sasson welcomed Brian Shanahan as the ICS Chair for 2021.

42 Other ICS Issues – None to report

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

- 51. RRS Status Report Discussion Issues – Attachment #5.1-** R. Clayton reported on attachment #5.1 providing a summary of RRS meeting #256, which took place on December 1, 2020. There are currently no PRRs under development, open for comment, or up for final approval.
- 52. List of Potential Reliability Rule Changes – Attachment #5.2 –** R. Clayton stated that the table in Attachment #5.2 is up to date.
- 53. Other RRS Matters –** R. Clayton reported that the RRS furthered its review of the August 2020 California outage event. The RRS reviewed the NYISO's report on the event. RRS determined that all lessons learned and reports currently available have been discussed but will continue to monitor future reports when available. P. Gioia stated the NYISO's report on the California's event is a very good report but he suggests adding language discussing California's overestimate of imports. R. Pike stated the NYISO will add additional language and will share when completed. RRS discussed the DER Interconnection Requirements regarding IEEE-1547-2018, which are being recommended in a NPCC DER Guidance document as well as by the NERC. The TOs are starting an initiative to implement the guideline for behind the meter connections. The NYISO will report to RRS on their process with the guideline. RRS has initiated discussion with the NYISO to consider the possible need for recognizing extreme weather conditions as an extreme contingency. RRS also is considering reducing the number of meetings moving forward. M. Sasson stated that NERC is looking at rules needed for the decarbonization environment and RRS should keep track of what is occurring at the NERC level.

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

- 61. RCMS Status Report – Attachment #6.1 -** R. Clayton reported on attachment #6.1, a summary of the RCMS Meeting #250 held on December 1, 2020. He reported that

RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS for the month of October (C8:R1) as well as LSE ICAP Obligations (A.2:R2), NYISO Procedures for Actual & Forecast Load Reporting (I.3:R1), and Annual Actual and Forecast Load Data (I.3:R.2).

- 62. 2020 Reliability Compliance Program – R. Clayton - Attachment #6.2 – R. Clayton** stated that the compliance scorecard is up to date. The 2020 scorecard is complete except for review of Real Time Operations for November and December. RCMS will start utilizing the previously approved 2021 scorecard.
- 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** reported that the Reliability Needs Assessment (RNA) has been approved by NYISO Board of Directors on November 17, 2020. After approval the NYISO Planning group will update the assumptions used in the study before issuing a solicitation for solutions. Z. Smith stated that the NYISO issued its first quarterly Short-Term Assessment of Reliability (STAR) on October 13, 2020. The STAR found reliability needs in the 2023-2025 timeframe consistent with the RNA findings. The NYISO will solicit solutions in the short-term process to address the 2023 needs. The solicitation for solutions went out December 3, 2020 and will close in 60 days. In order to approve the Economic Planning Process, the NYISO has drafted tariff revisions that are currently under stakeholder review. Fifteen project proposals were submitted to the PSC as part of the Public Policy Transmission Planning Process. The PSC will issue a notice soliciting public comments on the proposed projects. Comments are due on January 19, 2021. DPS and NYSERDA are conducting a State Power Grid Study, expected to be issued by the end of 2020. Z. Smith stated that the EIPC completed a Frequency Response Study. Once final and posted the NYISO will present the findings of the EIPC Frequency Response Study.
- 72. NYISO Markets Report – R. Mukerji – Attachment #7.2 - R. Mukerji** reviewed attachment #7.2 stating the projects involving Ancillary Services Shortage Pricing, resource for Resource Flexibility and Tailored Availability Metric will all be implemented within 2021. The Ancillary Services Shortage Pricing was approved by the NYISO Business Issues Committee and Management Committee in November 2020 and expected to be approved by the NYISO Board of Directors at the December meeting. NYISO filed the NYISO Board of Directors-approved demand curve reset recommendations with the FERC on November 30, 2020. The NYISO Business Issues Committee and Management Committee approved the Hybrid Co-located Model.
- 73. NYISO Monthly Operations Report – W. Yeomans**
 - 7.3.1. NYISO 2020-21 Winter Readiness Presentation – Attachment #7.3.1 – W. Yeomans** presented attachment #7.3.1
 - 7.3.2. NYISO Operations Report, November 2020 – Attachment #7.3.2 – W. Yeomans – W. Yeomans** stated that November was a mild month. The Peak load occurred on November 18, 2020 at 20,470 MW. There were 3 hours of thunderstorm alerts and 0 hours of NERC TLR level 3 curtailment. W. Yeomans also stated the Henrietta 345Kv substation is nearing the end of construction, the station will have 2 transformer banks.

8. Distributed Energy Resources (DER) – M. Koenig

- 8.1.1. DER Report – M. Koenig - Attachment #8.1 – M. Koenig** reported on attachment

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#8.1 which includes links to various reference documents. The NERC SPIDER Working Group published a NERC White Paper entitled Assessment of DER Impacts on NERC Reliability Standard TPL001. The intent is to highlight potential areas of improvement within TPL-001. The final version of the NPCC DER Guidance Document was approved and published by the NPCC Regional Standards Committee on November 20, 2020. The PSC held a Technical Conference on November 23, 2020 at which they presented preliminary results of studies being conducted DPS & NYSERDA. The NYISO issued a guide entitled Achieving a Reliability Zero-Emission Grid by 2040 which was proposed for use by the Climate Action Council. P. Gioia suggested that the NYISO should fully explain how delicate the reliability of the system is. Z. Smith stated the NYISO has representation on the Climate Action Council and that the system stability is constantly being discussed. FERC Issued a Notice of Proposed Rulemaking (NOPR) on transmission line ratings on November 19, 2020. H. Schrayshuen noted that the NOPR should be followed due to current limitations in the MARS model. M. Sasson stated the title of the DER Report agenda item should be changed for future meetings to report more broadly on decarbonization efforts.

9. Environmental Status Report/Issues – C. Wentlent

9.1.1. NYSRC-NYDEC meeting notes 11-12-2020 – Attachment #9.1 – C. Wentlent - C. Wentlent reviewed attachment #9.1 highlighting the New York State adopted changes to Part 242 regulations (Regional Green House Gas Program) for the 2021-2030 period. The change result in the regional emissions being 65% below the starting point by 2030. This rule revision now impacts generating units below 20 MW. Another change is to reduce the potential offsets options to only one approach. The regional Transportation and Climate Initiative is finalizing a MOU. If it is finalized, then each state will develop rules and implement a cap and trade program possibly as early as 2022 or 2023. The EPA released allocations for the Cross-State Air Pollution Rule, which reduced the provided amount of allowances for NYS significantly. As a result, the DEC asked participants for comments to be sent to the EPA. The next NYSRC/DEC call will be January 14, 2021.

10. Resource Adequacy Working Group – C. Wentlent – C. Wentlent reported there will be a small working group meeting to review questions that were forwarded to the NYISO in mid-December.

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

11.1.1. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson stated the balloting will open for FAC-014-3 until it closes on December 7, 2020.

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

12.1.1. NPCC Report – Attachment #12.1 - M. Sasson – M. Sasson stated the NPCC Board of Directors met December 2, 2020. At the meeting the NPCC Board of Directors approved the NPCC Working Draft 2021-2024 Strategic Plan which includes decarbonization as a strategic reliability focus area. At the NPCC Board of Directors meeting, R. Gonzales was approved as a member of the NPCC Board of Directors. M. Sasson reported that he will be a member of the NPCC Corporate Governance and

Nominating Committee. P. Fedora stated the NPCC Reliability Coordinating Committee (RCC) met on December 1, 2020. At the meeting, the RCC reviewed and approved NPCC Resource Adequacy and , transmission reviews, the NERC Probabilistic Assessment for the NPCC Region, the NPCC Long Range Adequacy Review, the NPCC 2020-21 Winter Reliability Assessment, and the 2021-2022 NPCC Task Force Work Plans. The RCC will meet on December 18, 2020 to discuss the proposed 2021 NPCC 1 Corporate Goals.

122. NERC Report – P. Fedora - P. Fedora reported the NERC Reliability Security and Technical Committee will meet on December 15-16, 2020. A number of items are being considered for approval. The agenda is posted.

123. Implementation of Presidential Order on Securing the US Bulk Power System – NYISO & TO input – Nothing to report.

13. NAESB Activities – B. Ellsworth – B. Ellsworth reported NAESB is holding their annual meeting on December 17, 2020.

14. Visitor Comments – There were no visitor comments.

15. Adjournment of the EC Open Meeting

The open Executive Committee Meeting #260 was adjourned at 2:19 p.m.

16. Future Meeting Schedule

Meeting	Date	Location	Time
#261	January 15, 2020	WebEx	9:30 AM