

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 259
November 13, 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 – EC Chair, 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
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
Matt Schwall	Independent Power Producers of NY (Wholesale Sellers 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
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
Ying Guo	New York Independent System Operator
Yvonne Huong	New York Independent System Operator
Rana Mukerji	New York Independent System Operator
Kevin Osse	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
Erin Hogan	DOS-Utility Intervention Unit
Adam Evans	NYS DPS
Brian Shanahan	National Grid

Scott Leuthauser	Hydro Quebec
Alan Ackerman	Customized Energy Solution
Daniel Mahoney	NYPA
Dan Jerke	Competitive Power Ventures
Matt Cinadr	E Cubed
Karl Hoffer	Con Ed Energy
Ed Schrom	Consultant
Keith Galarneau	Ravenswood Generating
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. 259 to order at 9:30 a.m. on November 13, 2020. An initial quorum of 12 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 #258 (October 2020) – Attachment #2.1** – H. Schrayshuen introduced the revised draft minutes of the October 8, 2020, which included all comments received as of November 6, 2020. R. Clayton made a motion to approve the minutes of Meeting #258. 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 #258 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 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** – C. Dahl joined the call. A. Adamson stated that the 3rd quarter call for funds has been completed. A. Adamson presented Attachment #3.1.1 – Statement of Cash Receipts and Disbursements for October 2020, noting the end of month balance of \$165,012.26. The end of month balance includes a member prepayment of \$30,000.00 but does not include a \$25,000 payment made by one member received after October 31. A. Adamson also stated his projected cash on hand for the beginning of 2021 will be between \$50,000.00 and \$70,000.00. C. Dahl stated PSEG-LI has continued the moratorium for travel until June 2021. M. Sasson stated EC meetings for the first half of the 2021 will be held via WebEx.
32. **Other Organizational Issues** – C. Dahl requested the dial in information be added to the agenda. R. Clayton stated the meeting login information is attached to the RSS and RCMS agendas in a separate page. H. Schrayshuen will review agenda information (**AI-259-1**)

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

41. **ICS Chair Report – R. Chan - Attachment #4.1** – R. Chan reviewed attachment #4.1 – Summary of ICS meeting #239 on November 4, 2020 and ICS Meeting #240 on November 9, 2020.

4.1.1. Parametric Results - Attachment #4.1.1 – R. Chan presented attachment #4.1.1. M. Sasson asked to have the wording changed on parameter three to represent a more accurate portion of the change due to the Indian Point retirement. M. Domino made a motion to approve the parametric result. The motion was seconded by S. Whitley and approved by the majority of EC members in the attendance with one abstention. **(13-0-1)**

4.1.2. Tan 45 Result – Attachment #4.1.2 – R. Chan presented attachment #4.1.2. C. Dahl asked for the axis of the two Tan 45 graphs to be presented in the same units and scale in the IRM Study Report. R. Bolbrock made a motion to approve the 2021 base case IRM of 21.3% based on the Tan 45 result. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (13-0)

4.1.3. Request for EC Member comments on the Draft Technical Study Report-NYCA Installed Capacity Requirement – May 2021-April 2022 – G. Drake - Attachment #4.1.3 – G. Drake reviewed table 6-1 in the Draft Study Report. There was discussion pertaining to the timing in adding the Energy Limited Resource (ELR) parametric analysis to the report. J. Boles stated back in October the EC approved a 20.1% base case, which is currently 1.2% higher than the 2020 IRM of 18.9%. The two primary factors for the increase were the update to Load Forecast Uncertainty (LFU) and retirement of Indian Point. The difference in the Table 6-1 in attachment 4.1.3 is the updated Energy Limited Resources data. Per the tariff, Energy Limited Resources need to make their election by August 1st. The elections are then vetted through the operator, asset holder and the NYISO. Due to the change in the market rules Energy Limited Resources are being modeled based on their duration limitations. This step change delayed the results for the IRM parametric table. M. Younger suggested exploring adjusting the election date from August 1st to July 1st. C. Patka stated this would require a tariff change and the NYISO will look at the feasibility and reasonability of the suggestion. **(AI-249-2)** M. Sasson suggested writing a more robust summary of the ELR parameter. S. Whitley stated the summer load shape is long and flat. The load shape's effect on the ELRs should be reflected in the report. M. Younger pointed out that the IRM process does not model limitations on the Special Case Resources (SCRs) and therefore understates the reliability risk.

A. Adamson requested the section of the report discussing the Resource Adequacy Working Group be removed due to the Group's work being in a preliminary stage. C. Wentlent supported the comment. M. Sasson made some editorial changes to the report. R. Chan asked for all comments to be returned to G. Drake and herself by November 20, 2020.

There was a discussion on the sensitivity cases in attachment #4.3.2.1. G. Drake will update attachment #4.3.2.1 and send it to R. Chan for the ICS to

review. After ICS, review H. Schrayshuen will send the before mentioned attachment to the EC members for approval via an email ballot.

4.1.4. Request for EC Member comments on the draft Appendices - NYCA Installed Capacity Requirement – May 2021-April 2022 – R. Chan asked for all comments to be returned to G. Drake and herself by November 20, 2020.

4.1.5. Follow up to the Executive Committee’s request to ICS to annually track the amount of public appeals used in New York – R. Chan presented an update from the TOs on public appeals. LIPA, NYSEG, National Grid, Central Hudson did not implement public appeals. National Grid, Con Ed, and NYSEG stated that they cannot quantify a MW reduction result for public appeals for IRM purposes. Con Ed stated that information should be collected earlier in the year. EC agrees that the information is useful. C. Dahl stated all Emergency Operating Procedures (EOPs) should be tracked and ICS should be constantly looking at the modeling vs. the actual implementation of EOPs. M. Sasson asked for a table so the TOs can fill it out and return it to ICS for the 2022 IRM.

42. Other ICS Issues –

4.2.1. Discussion regarding sharing of information not yet posted on the website at meetings – After a discussion it was decided that M. Sasson, H. Schrayshuen, R. Chan, and G. Drake will develop a plan to ensure that ICS information will be posted before future meetings. **(AI-259- 3)**

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 #255, which took place on November 5, 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 RRS furthered its review of the August 2020 California outage event. It was reported that their first finding was that climate change caused an extreme heat wave throughout the Western United States and the demand for electricity exceeded the existing electricity resource planning targets. R. Clayton stated this is a contradiction of the NERC 2020 Summer Reliability Assessment. RRS also discussed Long-Term Risk Elements for NYCA. RRS reviewed 2020 NERC Reliability Risk Report, which labels extreme weather as a risk and that the conclusion is in line with the Climate Change Impact and Resilience Study. R. Clayton and A. Adamson have begun to discuss with the NYISO the idea of including extreme weather conditions into future IRM modeling. RRS reviewed the NERC policy input on Known & Emerging Reliability & Security Risks. Lastly RRS reviewed the NYISO’s DER interconnection requirements regarding IEEE 1547-2018. An update will be presented at a future date.

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 #249 held on November 5, 2020. He reported that RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS for the month of September (C8:R1) as well as Procedures for Transmission Data Reporting (I.4:R1), NYISO Transmission Data Base Updating (I.4:R2), and MP Transmission Data Reporting (A.4:R3).
- 62. **2020 Reliability Compliance Program – R. Clayton - Attachment #6.2** – R. Clayton stated that the compliance scorecard is up to date.
- 63. **2021-2023 Reliability Compliance Program- Attachment #6.3** – R. Clayton reviewed attachment #6.3. R. Clayton stated that the NYISO provided input and the proposal follows the same structure as the past three-year compliance monitoring program. A. Adamson stated the plan incorporates new rules that have been implemented. R. Bolbrock made a motion to approve the 2021-2023 Reliability Compliance Program. The motion was seconded by S. Whitley and unanimously approved by EC members in attendance. (13-0)
- 64. **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 Stakeholders in the October meetings. The RNA report will be presented to the NYISO Board of Directors for approval in November. After approval, Planning 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 is working with Con Edison to determine which of the 2023 needs can be resolved. A new quarterly update will be issued mid-January 2021. The NYISO is working on amendments to the Economic Planning Process, to implement improvements that are intended to make the process more useful. The Economic Planning Process is required by FERC Order No. 890 and Order No. 1000. Fifteen proposed transmission needs 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 needs. DPS and NYSERDA are conducting a State Power Grid Study, expected to be issued by the end of 2020. Z. Smith stated the EIPC completed a Frequency Response Study. Once final and posted Z. Smith will present the findings of the EIPC study. **(AI-259-4)**
- 72. **NYISO Markets Report – R. Mukerji – Attachment #7.2** - R. Mukerji reviewed attachment #7.2 stating that work is continuing on future market designs. The proposal for Ancillary Services Shortage Pricing has evolved to also include a mechanism where the NYISO would procure supplemental reserves. Interest is growing for hybrid resources to participate in the wholesale markets. NYISO is working on a Hybrid Co-located Model in response to that interest. Once approved by the NYISO Board of Directors the NYISO will submit a filing to FERC on the Demand Curve Reset.
- 73. **NYISO Monthly Operations Report – W. Yeomans – Attachment #7.3** –
 - 7.3.1. **NYISO October Operations Report – Short Version - W. Yeomans - Attachment #7.3.1** – For information only. See item #7.3.2 below.
 - 7.3.2. **NYISO October Operations Report – Long Version - W. Yeomans**

- **Attachment #7.3.2** – W. Yeomans reviewed attachment #7.3.2 (Highlights Page) stating that during the month of October there was Peak Load of 18,700 MW on October 30, 2020. There were no hours of Thunderstorm Alerts and no hours of NERC TLR level 3 curtailment. On October 7, 2020, a windstorm contributed to 226,000 outages. In response to the pandemic, if needed NYISO Operators can be sequestered, but that need has not been identified to date.

7.3.3. NYISO Review of the California State Agencies Preliminary Root Cause Analysis Report for the California Load Shed Outages – R. Pike/W. Yeomans/R. Gonzales – Attachment #7.3.3 – R. Pike, W. Yeomans, and R. Gonzales presented attachment #7.3.3. R. Gonzales summarized the presentation and said that at the NYISO markets processes and operations have a great process and work hand in hand to understand the capacity needs of the system. R. Gonzales stated that CAISO has reexamined their processes and will consider making appropriate changes. P. Gioia suggested that a slide on over-estimating available imports be incorporated. P. Gioia and C. Wentlent also strongly recommended that the NYISO present the California review slides to the New York State Climate Action Council. M. Sasson asked whether WECC reviewed the event. R. Gonzales stated WECC is also looking at the load shed event at a regional level.

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

8I. DER Report – M. Koenig - Attachment #8.1 – M. Koenig reported on attachment #8.1, presenting details on the NYSERDA/DPS technical Conference, CIGRE Academy Webinar, the NPCC DER Forum, NYS DPS/ ITWG meeting. He noted that EPRI is presenting a 2-day tutorial in Inverter Fundamentals and Grid Support Functions on November 17, 2020 and November 19, 2020. Also, on November 19, 2020 there will be a joint NERC/NATF/EPRI Power System Modelling Webinar.

9. Environmental Status Report/Issues – C. Wentlent – C. Wentlent stated the NYSRC/NYSDEC meeting was held on November 12, 2020. The meeting notes will be distributed. The Generation Working Group of the Climate Action Council asked for the NYISO and NYSRC to make a presentation to the group. The request is outstanding. The EPA released its updated allowance allocations for the Cross-State air pollution rule. These allowances need to be put in place for next ozone season 2021. The allowances are subject to comment. NYSDEC is putting together comments. The next NYSRC/NYSDEC conference call is scheduled for January 14, 2021.

10. Resource Adequacy Working Group – C. Wentlent – C. Wentlent reported that the RAWG requested a conference call with the NYISO staff to review the LOLH metric results. This discussion will take place after the IRM work is completed.

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

11I. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson stated balloting will open for FAC-014-3 on November 27, 2020. A. Adamson will send out the balloting input request email the week of November 16, 2020.

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

121. NPCC Report – Attachment #12.1 - M. Sasson – M. Sasson stated the NPCC Board of Trustees met on October 28, 2020. At the meeting they reviewed what was discussed at the Strategic Meeting in September and recognized the recommendation of the Reliability Council to have a greater focus on decarbonization. The budget expenditures are expected to be steady. M. Sasson had been appointed to the Corporate Governance and Nominating Committee.

122. NERC Report – P Fedora - P. Fedora reported the following information via email. At the November 5, 2020 NERC Member Representatives (MRC) meeting M. Lauby summarized the top three priorities received from the NERC Board of Trustees (BoT) request for policy input on;

- (1) Information sharing, cyber physical security,
- (2) Grid transformation and interdependency,
- (3) Standards, compliance, and enforcement.

At the November 5, 2020 NERC BoT meeting, the BoT adopted Project 2019-03 – Cyber Security Supply Chain Risks standards including:

CIP-005-7 – Cyber Security – Electronic Security Perimeter(s)

CIP-010-4 – Cyber Security – Configuration Change Management and Vulnerability Assessments

CIP-013-2 – Cyber Security – Supply Chain Risk Management

NERC plans to file the revised standards with FERC by the December 26, 2020 filing deadline.

At its November meeting, the BoT approved the 2021–2023 Reliability Standards Development Plan, which provides time frames and anticipated resources for each standards project under development or anticipated to begin by the end of the year. A standards drafting team was appointed to begin work on Project 2019-06 – Cold Weather, which will address findings from the 2019 FERC and NERC Staff Report: The South Central United States Cold Weather Bulk Electric System Event of January 17, 2018. The standard is expected to be posted for comment in early 2021. The BoT received updates on the 2020/2021 NERC Winter Reliability Assessment (planned to be released in November) and the 2020 NERC Long-Term Reliability Assessment (scheduled for release on December 15, 2020). The BoT also approved the 2021 ERO Enterprise work plan priorities, which identify key activities that will be tracked and reported on throughout the year which align closely with the ERO Enterprise Long-Term Strategy.

12.2.1. NYSRC Policy Input to the NERC Board of Trustees – M. Sasson - Attachment #12.2.1 – H. Schrayshuen reported on the NYSRC submittal of Policy Input comments to the NERC Board of Trustees for its November 2020 meeting. P. Gioia suggested that before future submittals are made, they should be circulated to the EC for comment.

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 has been asked to explore the feasibility of having rules in relation to battery storage. B. Ellsworth will forward the link for H. Schrayshuen to distribute to the EC.

14. Visitor Comments – There were no visitor comments.

15. Adjournment of the EC Open Meeting

The open Executive Committee Meeting #259 was adjourned at 1:38 p.m.

16. Future Meeting Schedule

Meeting	Date	Location	Time
#260	December 4, 2020	WebEx	9:30 AM