

Draft Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 258
October 8, 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
M. Ridolfino	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
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
Chuck Alonge	New York Independent System Operator*
Josh Boles	New York Independent System Operator
Kevin DePugh	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
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*
Max Schuler	New York Independent System Operator
Matt Koenig	Consolidated Edison Co. of NY, Inc
Howard Kosel	Consolidated Edison Co. of NY, Inc
Norman Mah	Consolidated Edison Co. of NY, Inc
Brian Shanahan	National Grid
Herbert Schrayshuen	Power Advisors, LLC – EC Secretary
Scott Leuthauser	Hydro Quebec
Henry Chao	Quanta

1. **Introduction** – M. Sasson, EC Chair, called the NYSRC Executive Committee Meeting No. 258 to order at 9:30 a.m. on October 8, 2020. An initial quorum of 11 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** – M. Sasson stated that there would be an Executive Session.
 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 #257 (September 2020) – Attachment #2.1** –M. Younger joined the phone call. H. Schrayshuen introduced the revised draft minutes of the September 11, 2020, which included all comments received as of October 7, 2020. M. Domino made a motion to approve the minutes of Meeting #257. The motion was seconded by S. Whitley and unanimously approved by the EC members in attendance (12 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #257 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** - 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 September 2020, noting the end of month balance of \$138,369.10. The end of month balance includes a member prepayment of \$30,000.00. A. Adamson stated that his year-end projections as of now show that total actual 2020 expenses will match budgeted expenses.
 - 3.1.2. **Proposal for Conducting the 2020 Financial Audit – EC Approval Items – A. Adamson** – A. Adamson recommended that the EC approve a proposal sent by Slocum DeAngelus & Associates PC to perform the NYSRC 2020 Financial Audit. The cost for the audit is \$3,900.00 which is an increase of \$100.00 over the prior year. S. Whitley made a motion to approve the proposal and hire Slocum DeAngelus & Associates, PC to perform the 2020 Financial Audit. The motion was seconded by C. Wentlent and unanimously approved by the EC members in attendance. (12-0)
 32. **Other Organizational Issues –**
 - 3.2.1. **Report on IRM Approval Changes to Accommodate Remote Balloting – H. Schrayshuen – Attachment #3.2.1** – H. Schrayshuen presented attachment #3.2.2 stating that after further testing it was determined that only the WebEx polling feature would be tested in the executive session. During additional testing of Survey

Monkey, it was determined that the time delay from opening a poll to the Voting Members email was too long, eliminating this platform as a viable option.

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 #237 on September 16, 2020 and ICS Meeting #238 September 29, 2020. R. Chan stated the first draft of the IRM Report will be available at the November ICS meeting.

4.1.1. Sensitivity Results (Cases 1-7) – Attachment #4.1.1 – R. Chan presented attachment #4.1.1 showing the results of the sensitivity cases based on the previously approved preliminary IRM. R. Chan discussed the sensitivities and stated the format will be the same in the IRM report, but the numbers could change depending on the final IRM study results. S. Whitley made a motion to approve the Preliminary Sensitivity Cases 1-7. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (12-0)

4.1.2. Fall Load Forecast – Attachment #4.1.2 – R. Chan stated the 2021 Peak Load Forecast is 32,243MW, which is 16 MW more than the 2020 Gold Book Forecast. There was a discussion on the fact that the ICS has not approved the numbers presented to the EC. J. Boles and C. Alonge discussed the change since the last ICS meeting. R. Bolbrock made a motion to approve the Fall Load Forecast as presented on slides 22 and 23 of attachment #4.1.2. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (12-0)

4.1.3. Final 2021 IRM Base Case Assumption Matrix – Attachment #4.1.3 – R. Chan presented attachment #4.1.3, stating that slide 2 will be updated with the previously approved Fall Load Forecast. J. Boles stated that there are no major changes to the matrix since it was last reviewed. There was a brief discussion on the modeling of Energy Limited Resources (ELR). R. Chan explained that the ICS approved for the 2021 IRM base case an ELR model using the duration limitations through their operational capabilities, and using the same methodology used in the 2020 IRM study for the battery storage units. This “simplified” modeling would be replaced in the future with the more detailed modeling once it has been verified. The ICS also approved an additional sensitivity case as part of the 2021-2022 IRM using the EL3 and EL4 functions in GE MARS to model the elected ELRs. This additional sensitivity case also helps validating the GE modeling tools which could be used to replace the “simplified” modeling in the future. R. Bolbrock made a motion to approve the Final 2021 IRM Base Case Assumptions Matrix. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (12-0) M. Sasson thanked R. Chan, the ICS, and the NYISO for their efforts and staying on schedule.

- 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 #258, which took place on October 9, 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. NYSRC Reliability Rule & Requirements Summary - Attachment #5.3** - R. Clayton presented attachment #5.3. M. Domino made a motion to approve the NYSRC Reliability Rule & Requirement Summary. The motion was seconded by R. Clayton and unanimously approved by the EC members in attendance. (12-0)
- 54. Other RRS Matters** – R. Clayton gave an update on the August 2020 California outage event. R. Clayton stated the preliminary report on the event from CAISO was released on October 6, 2020. R. Clayton noted the NERC 2020 Summer Reliability Assessment predicted net internal demand for the Mexico/California part of the system of 52,326 MW. The resource prediction for the summer was 63,278 MW with an anticipated reserve margin of 29.9%. During the rotating blackouts, the 46,777 MW peak load experienced was less than forecasted. The combination of identified causes were unexpected gas resource outages, drop in wind production, less import availability and climate change. There was discussion regarding the differences between Resource Adequacy Planning between NYISO and CAISO. P. Gioia stated that California was criticized for relying too much on outside support without contracts for that additional support. There was a discussion regarding New York resource adequacy modeling and planning practices and how they differ from those in California. C Wentlent stated that as more facts become public, the New York Climate Action Council should be briefed. The NYISO stated that it is in contact with the NY Climate Action Council. R. Gonzales stated that a study to show the differences between NYISO/NYSRC and CAISO processes would be a good idea and as updates on the event are revealed the NYISO will update and share what it puts together on the event and any other information from other agencies. Commissioner Burman suggested that New York look at this preliminary report and the final report to identify lessons learned. The NYISO will make a presentation on the event when all the information is available. RRS will continue to monitor the situation for its own needs. R. Clayton stated that the RRS is looking into identifying extreme conditions/events that should be examined and plans to start a discussion with the NYISO. M. Sasson stated that there are current contingency plans for extreme events. P. Fedora stated that NERC released their ERO Enterprise Workplans for 2021 and some of the areas of concern regarding extreme events are outlined. R. Clayton stated that he would take the comments back to the RRS. M. Sasson stated that RRS should be more high level and monitor risks that are identified by others, examples being NERC, NPCC, NYISO and to bring those up for discussion.

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 #248 held on October 1, 2020. He reported that RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS (C8:R1) as well as Procedures for Reporting Generation Unit Outage Reporting (I.2:R1), GO Generating Unit Outage Data Reporting (I.2:R2), Generating Unit Outage Statistics (I.2:R.3), and SCR Performance Report (I.2:R.4.4).
- 62. 2020 Reliability Compliance Program – R. Clayton - Attachment #6.3** – R. Clayton stated that the compliance scorecard is up to date.
- 63. 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 reported that the RNA was presented to the Transmission Planning Advisory Subcommittee (TPAS) and Electric System Planning Working Group (ESPWG) and is near final draft. The next steps are Operating Committee and Management Committee review before it is presented to the NYISO Board of Directors in November. It was noted there are identified reliability needs. The NYISO will present the RNA findings. Z. Smith also stated the Planning Group is completing the first Short Term Assessment of Reliability which will be complete on a quarterly basis.

M. Sasson asked how the peaking generators were handled in the assumptions due to recent New York State Department of Environmental Conservation (DEC) regulations. Z. Smith stated that coordination with the DEC has assisted the NYISO in identifying which peaking generators would be affected, and that the NYISO has accounted for those resource losses in the RNA. P. Gioia asked for a high-level report of needs identified. Z. Smith stated that the identified reliability needs could be addressed by transmission, generation, or demand side solutions. Once the RNA is finalized, the NYISO will seek updates from the TOs and updates on generator assumptions. If reliability needs remain, the NYISO will be seeking market or regulatory solutions in order to prepare a Comprehensive Reliability Plan. M. Sasson stated that the ICS should be updated with the peaking generation operation information. Z. Smith also stated that there were a number of projects submitted in the 2020-2021 Public Policy Process cycle. Those projects will be submitted to the PSC. M. Schwall asked if the new round of the proposals supersede the previous-submitted transmission needs.. C. Patka stated that the PSC can act on public policy needs out-of- cycle..

7.1.1. NYISO Impact of Climate Change Study Presentation – K. DePugh- Attachment #7.1.1 –

K. DePugh presented attachment #7.1.1. There was discussion regarding the study dependence on hypothetical future generation technologies. R. Bolbrock questioned the veracity of the study results because they are dependent on resources (DE Resources) which do not exist. He recommended that the study report be clearly caveated a statement that the results are dependent on the modeling of these DE Resources. He requested further clarification/explanation on how the DE Resources were configured and their potential impact on study results.

M. Sasson also restated that studies have shown diminishing returns as more renewables are added to the system and that reliable operation of the system could become more difficult to achieve. A. Adamson indicated that he had a number of questions which he would send to K. DePugh.

7.2. 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, Reserves for Resource Flexibility are now on track to be fully implemented by the end of 2021. The Tailored Availability Metric project is beginning the implementation phase. The FERC approved DER market design is in the implementation phase. He noted that FERC recently issued Order No. 2222 relating to incorporation of DER into markets and that the NYISO will have to file a compliance filing. He noted that the already

approved NYISO market design changes are very similar to the new directives in FERC Order No. 2222. The Demand Curve Reset process will be reviewed by the NYISO Board of Directors in October. R. Mukerji stated that as more resources are brought onto the system, market designs will change to strengthen reliability.

73. NYISO Monthly Operations Report – W. Yeomans – Attachment #7.3 –

7.3.1. NYISO July Operations Report – Short Version - W. Yeomans - Attachment #7.3.1 – W. Yeomans reviewed attachment #7.3 stating that during the month of August there was Peak Load of 24,237 MW on September 10, 2020. There were no hours of Thunderstorm Alerts and no hours of NERC TLR level 3 curtailment.

7.3.2. Report on 2020 Summer Operations - Attachment #7.3.2 – W. Yeomans reviewed attachment #7.3.2.

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

81. DER Report – M. Koenig - Attachment #8.1 – M. Koenig reported on attachment #8.1, presenting details on FERC Order No. 2222, a presentation delivered at the NERC Reliability and Technical Security Committee on Ensuring Energy Adequacy with Energy Constrained Resources. He noted the upcoming DER events include the CIGRE Academy Webinar on October 14, 2020 and the NPCC DER Forum October 15, 2020. R. Clayton asked for confirmation that the ISO-NE is going to move forward with the 2018 version of IEEE 1547. M. Koenig confirmed that point and noted that previously installed DER generation would be grandfathered. M. Sasson stated he would forward the presentation he is planning to present to the NPCC DER Forum for EC review.

9. Environmental Status Report/Issues – C. Wentlent – C. Wentlent stated the Climate Action Council is meeting October 8, 2020. On October 9, the NYS DPS and NYSERDA will be hosting a Transmission Technical Conference, and the link will be distributed to EC members.

91. Report on NYSRC-DEC Meeting September 10, 2020 – Attachment #9.1 - C. Wentlent presented attachment #9.1 highlighting NYSDEC Proposed Part 496, Statewide Emissions Limit which would impose an emission limit for the state. A public hearing will be on October 20, 2020. The goal is to finish the regulation by the end of 2020 to set a limit for 2030 and 2050. The second NYSDEC regulation is Proposed Article 75-0113 Value of Carbon. The purpose is to create a value of carbon for agencies to use in some of their decision making. There were two recent seminars sponsored by the Transportation Climate Initiative. The 12 state plus the District of Columbia compact is working on establishing a cap and trade GHG Program for the transportation industry. The MOU target date is end of 2020 and respective states would utilize 2021 for implementing either regulatory or legislative support for the program. Current proposed effective start date for the program is 2022. FERC hosted a Technical Conference on Carbon Pricing. The next NYSRC/NYSDEC meeting is November 12, 2020. S. Whitley asked about the regulators' attitude on carbon pricing. The NYISO is supportive of the carbon Pricing concept but waiting for state support.

10. Resource Adequacy Working Group – C. Wentlent – No report.

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

11.1. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson stated the NYSRC voted negative for standards CIP-004-7, CIP-011-3 and affirmative for standards CIP-005-7, CIP-010-4, and CIP-013-2.

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

12.1. NPCC Report – Attachment #12.1 - M. Sasson – M. Sasson stated the NPCC Board of Trustees have not met since the last NYSRC EC meeting.

12.2. 12.2 NERC Report – P. Fedora – P. Fedora reported that the NERC Reliability and Security Technical Committee plans to meet on October 14, 2020. The agenda includes endorsing a Standards Authorization Request (SAR) for Revisions to MOD-025-2 - Unit Verification and Modeling and a SAR for Revisions to PRC-023-4 – Transmission Relay Loadability, approval of a Reliability Guideline: Gas and Electrical Operational Coordination Considerations and Reliability Guideline and Model Verification of Aggregate DER Models Used in Planning Studies for posting. The NERC Member Representatives Committee (MRC) met on October 7, 2020 and discussed policy input on areas of focus for 2021. The NERC Board of Trustees will meet via webinar on November 5, 2020.

12.3. 12.3 Implementation of Presidential Order on Securing the US Bulk Power System – NYISO & TO input – Nothing to report.

13. NAESB Activities – B. Ellsworth – Nothing to report.

14. Visitor Comments – There were no visitor comments.

15. Adjournment of the EC Open Meeting

The open Executive Committee Meeting #258 was adjourned at 1:42 p.m.

16. Future Meeting Schedule

Meeting	Date	Location	Time
#259	November 13, 2020	WebEx	9:30 AM