

Draft Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 254
June 12, 2020
Conference Call

Members and Alternates in Attendance:

Roger Clayton, P.E.	Unaffiliated Member – EC Chair, RRS Chair, RCMS Chair
Mayer Sasson	Consolidated Edison Co. of NY, Inc – EC Vice Chair
Rich Bolbrock, P.E.	Unaffiliated Member
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
Tim Lynch	NYSEG and RG&E – Member
Bruce Fardanesh	NYP&A – Member
Curt Dahl, P.E.	PSEG-LI– 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 Wentlent	Municipal & Electric Cooperative Sector – Member

Other Attendees:

Paul Gioia Esq.	Whitman, 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
Vijay Puran	NYS Department of Public Service
Charles Alonge	New York Independent System Operator
Josh Boles	New York Independent System Operator
Nate Galbraith	New York Independent System Operator
Rick Gonzales	New York Independent System Operator
Carl Patka	New York Independent System Operator
Robb Pike	New York Independent System Operator
Zach Smith	New York Independent System Operator
Wes Yeomans	New York Independent System Operator
Matt Koenig	Consolidated Edison Co. of NY, Inc
Norman Mah	Consolidated Edison Co. of NY, Inc
Herbert Schrayshuen	Power Advisors, LLC – EC Secretary
Erin Hogan	DOS-Utility Intervention Unit
William Lamanna	North American Electric Reliability Corporation
Dan Mahoney	NYP&A
Jim D’Andrea	Ravenswood Holdings, LLC
Scott Leuthauser	Hydro Quebec
Cori Tackman	Power Advisors, LLC

“**” Denotes part-time participation in the meeting

1. **Introduction** – R. Clayton, EC Chair, called the NYSRC Executive Committee Meeting No. 254 to order at 9:33 a.m. on June 12, 2020. An initial quorum of 13 Members and Alternate Members of the NYSRC EC was established.
 - 1.1. **Identification of Visitors** – Visitors on the phone were identified.
 - 1.2. **Requests for Additional Open Session Agenda Items** – No additional agenda items were requested.
 - 1.3. **Request for Executive Session Agenda Items** – R. Clayton added one additional agenda item to discuss a recent phishing email.
 - 1.4. **Declarations of Potential “Conflict of Interest”** – There were no declarations of new potential conflicts of interest.

2. **Meeting Minutes/Action Items List – H. Schrayshuen**
 - 2.1. **Approval of Minutes for Meeting #253 (May 2020) – Attachment #2.1** – H. Schrayshuen introduced the revised draft minutes of the May 8, 2020 meeting, which included all comments received as of June 6, 2020. R. Clayton made one editorial change. M. Domino made a motion to approve the minutes of Meeting #253 with the proposed change. The motion was seconded by B. Ellsworth and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #253 posted on the NYSRC website.
 - 2.2. **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**
 - 3.1. **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 May 2020, noting the end of month balance of \$172,266.91. The end of month balance includes a member prepayment but does not include a 2nd quarter call of funds payment made by a member in June. The 2nd quarter call for funds is now complete. There was a request to add an additional columns to the monthly financial report showing December 2019 projected year-to-date expenses and presently projected end-of-year expenses. A. Adamson stated that these changes will be made for the June financial report and presented at the July meeting.
 - 3.1.2. **Third Quarter Call for Funds** – A. Adamson – A. Adamson recommended that the Third Quarter Call for Funds be set at \$25,000.00 with a due date of July 1, 2020.
 - 3.2. **Other Organizational Issues –**
 - 3.2.1. **Election of Officers – P. Gioia** – P. Gioia stated that R. Clayton will step down as Chair of the NYSRC EC after the expiration of his term. M. Sasson, serving as Vice Chair the past two years was nominated to be Chair effective August 1, 2020. C. Wentlent was nominated to take the role as Vice Chair. M. Mager made a motion to appoint M. Sasson as NYSRC EC Chair and C. Wentlent as Vice Chair for a one-year term starting August 1, 2020 and ending July 31, 2021. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance (13-0). M. Sasson and C. Wentlent both thanked the EC members for their election.

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

41. **ICS Chair Report – Attachment #4.1** – R. Chan reviewed attachment #4.1 – Summary of ICS meeting #232 on June 3, 2020. R. Chan stated that during its meeting ICS went through the guidance presented to the ICS Chair at the May 2020 NYSRC EC meeting. R. Chan stated that the ICS will provide a presentation on the current Tan 45 methodology at the July EC meeting and that the ICS will be reviewing the Energy Storage Model reported in the 2020 RNA when published and make some recommendations in 2021. R. Chan stated ICS reviewed the 2021 IRM draft assumptions matrix and the presented preliminary parametric results. The drafting of the Load Forecast Uncertainty white paper is currently underway. R. Clayton informed R. Chan that the Resource Adequacy Working Group and the NYISO have agreed that the Loss of Load Hours (LOLH) and the Expected Unserved Energy (EUE) metrics would be included in the next IRM study report.

4.1.1. High Intermittent Resources – Tailored Available Metric (TAM)

Presentation - Attachment #4.1.1 – N. Gilbraith presented attachment #4.1.1.

R. Chan noted that in the High Renewable Whitepaper it was noticed that an increase in the UCAP reserve margin was observed. There are several hypotheses as to why the increase occurred, including the weighting method for determining the UCAP of renewable resources and the TAN-45 methodology. N. Gilbraith stated that the NYISO and ICS will be evaluating whether the TAN-45 method is contributing to the increase in UCAP reserve margin. There was a brief discussion regarding other factors that could be contributing to the increase in UCAP reserve margin. The NYISO stated that once they evaluate the methodology, the ICS and NYISO can then look at other contributing factors. M. Sasson stated that NYISO should be looking at the system to ensure it meets the 0.1 day per year Loss of Load reliability criteria. Z. Smith stated that the current Reliability Needs Assessment is looking at the 70% renewable energy by 2030 scenario and that the results from that study will be available in the 3rd quarter of 2020. M. Sasson asked the NYISO to bring back to the next EC meeting a summary of work that is currently in process to address the increase in reserve margins and future reliability concerns. M. Younger stated the he believes that the NYISO should be looking at the reliability performance values as more renewables come on the system to ensure the 0.1 criteria is met. R. Clayton asked about the Effective Load Carrying Capability (ELCC) study timeline. Josh Boles stated that the NYISO just received stakeholder approval to move forward and submitted tariffs to FERC on how to compensate for limited duration wind and solar resources. If approved by FERC, the tariff will be effective for the next four years. As part of that tariff package the NYISO committed to reevaluate the system reliability using an ELCC approach in 2023. M. Younger stated that during most recent Tailored Availability Metric process the NYISO did not do an ELCC approach but looked only at changing the weighting of capacity factors during specific hours. M. Younger stated that it is important for the NYSRC to understand what happens as more renewables are brought online. He noted that other studies have shown a diminishing return as more renewables come online. M. Younger also stated the ELCC study should be focused purely on reliability. J. Boles stated that even though the ELCC study was not performed, the NYISO has done studies similar to the ELCC based study. He noted that these studies were heavily dependent on assumptions, and require a large amount of labor resources and that the assumptions were

negotiated heavily with some assumptions still being discussed even after the study was complete. The studies are costly and very time consuming but the NYISO is committed to do a similar study for the 2030 study year. R. Clayton suggested that this topic be taken offline for future discussion. (AI-250-1).

4.1.2. Resource Production Coincidence Whitepaper Addendum – R. Chan – Attachment #4.1.2 – EC Approval Item - R. Chan stated the NYISO seeks to modify the recommendation of this white paper with an addendum to align the modeling of not only wind and solar resources with each other, but also to align run-of-river and landfill gas resources. S. Whitley made a motion to approve the addendum. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (13-0)

4.1.3. NYSRC Policy #5-15 Revisions – Attachment #4.1.3 – EC Approval – G. Drake reviewed the Policy #5 changes. P. Gioia proposed the following changes to Table 2.1, stating the IRM filing to FERC is the primary filing and that the filing to the PSC is for informational purposes only, and suggested that the requirement for a press release be eliminated. R. Bolbrock made a motion to accept the Policy #5-15 revisions including the changes made by P. Gioia. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (13-0).

42. Other ICS Issues – None to report

5. Reliability Rules Subcommittee (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 #250, which took place on June 4, 2020. PRR #128 is currently posted for comment until June 26, 2020. RRS is proposing final approval for PRR148, Mitigation of Major Emergencies. The NYISO gave a presentation on DER Modeling for the RNA studies.

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. PRRs for Final Approval

5.3.1. PRR 148 Mitigation of Major Emergencies – Attachment #5.3.1- R. Clayton stated that PRR 148 Mitigation of Major Emergencies. The PRR was posted for comment, no comments were received. M. Mager made a motion to approve PRR 148 as final. The motion was seconded by M. Domino and unanimously approved by the EC members in attendance. (13-0)

54. Other RRS Issues – R. Clayton stated RRS is continuing to develop a list of Long-Term Reliability Risk Priorities. RRS is looking at the current NERC RISC reports to help develop the priority list.

5.4.1. Removal of Exception 17 & 18 – R. Clayton stated that RRS received notice from Entergy via the NYISO that Indian Point Unit #2 did close.

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 #245 held on June 4, 2020. He reported that RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS (C8: R1) for April 2020. The RCMS found the NYISO in full compliance for the 2020

Resource Adequacy Assessment (A.3: R1), Procedures for Resource Capacity Verification Testing (1.1:R1,R2), Generator Owner Generation New Dependable Capacity Tests (I.1:R3) and Generator Owner Generation Reactive Power Capacity Tests (I.1:R4).

- 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

- 71. **NYISO Comprehensive System Planning Process – Z. Smith – Attachment #7.1 – Z. Smith** reported that the ESPWG was planning to meet on June 19, 2020 to discuss preliminary findings for 2020 RNA. The schedule for the RNA is as follows; continuing work through September 2020, final stakeholder review and approval in October, and NYISO Board of Directors approval November, 2020. Z. Smith stated that CARIS Phase 1 full draft report is being reviewed. The NYISO will seek approval of the CARIS Phase 1 report from the NYISO Management Committee and the NYISO Board of Directors in July. Z. Smith stated that the NYISO will present a summary of the CARIS Phase 1 report to the NYSRC EC once the report is approved. **(AI-254-2)**. Z. Smith stated the final 2019 Northeastern Coordinated System Plan was posted in April. P. Gioia asked about PSC’s past action regarding the NYISO public policy transmission need filings. Z. Smith stated that when the NYISO submits filings to the PSC typically the PSC takes no action on the needs.

7.1.1 – NYISO Climate Change study Phase 1 results – C. Alonge –

Attachment #7.1.1 – C. Alonge presented attachment #7.1.1. R. Clayton asked if extreme weather scenarios reviewed in the Phase 1. C. Alonge stated that extreme weather scenarios will be looked at in Phase 2 of the Climate Change Study.

- 72. **NYISO Markets Report – R. Mukerji - Attachment #7.2 – R. Pike** presented on behalf of R. Mukerji and reviewed attachment #7.2. R. Pike stated there are a number of studies commissioned by the NYISO to see how the system might evolve as it moves towards the 2030/2040 climate action goals. There will be a briefing on the Brattle Group’s study at the July NYSRC EC meeting. R. Pike also stated that the NYISO Analysis Group is continuing to work on the Demand Curve reset process. Their preliminary report has been posted for comment.

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

W. Yeomans stated that during the month of May there was Peak Load of 20,124 MW on May 29, 2020. There were no hours of Thunder Storm Alerts and no hours of NERC TLR level 3 curtailment. Overall load continues to be low throughout the state.

W. Yeomans presented an update on the steps the NYISO is taking to mitigate COVID-19 risk. The NYISO released the sequestered operators on all operator shifts. The NYISO is currently utilizing one control room for day and one control room for evening shifts to reduce operator contact. The NYISO continues weekly and/or daily communication with Generators Operators, and Transmission Owners. Due to the low loads, some maintenance that was not completed in March/April due to COVID-19 was completed in May. R. Bolbrock asked for if the NYISO Operation was concerned with the frequency with which the Central Line East voltage stability limit is exceeded. W. Yeomans stated that Operations does not have a concern with Central East limit exceedances.

7.3.1. NYISO Summer Assessment Report – W. Yeomans - Attachment #7.3.1 - W. Yeomans presented attachment #7.3.1. There was a discussion whether the Summer Generation Capacity numbers should be different from the baseline to the 90th percentile ambient temperature due to de-rate of generator performance at the higher ambient temperature. W. Yeomans stated that he would report back on this topic. (AI-254-3)

7.3.2. NYISO Monthly Operations Report – Long Version – Attachment #7.3.2 – Attachment is for information purposes only.

8. Distributed Energy Resources (DER) – M. Koenig- R. Clayton stated that he reached out to the TOs to see if they had personnel that were currently following DER matters and would report on DER activity. Consolidated Edison stated that M. Koenig would report during the NYSRC EC meetings going forward.

8I. DER Report – M. Koenig - Attachment #8.1 – M. Koenig reported on attachment #8.1, highlighting that the NERC Inverter-Based Resource Performance Task Force released a technical report on BPS-Connected Inverter-Based Resource Modeling and Studies in May 2020. M. Koenig also highlighted the NPCC DER Forum Meeting held on 5/15/20, which included a draft NPCC DER Guidance Document, titled: “Distributed Energy Resources (DER) Considerations to Optimize and Enhance System Resilience and Reliability”. He also reported on the NERC SPIDER Working Group’s meeting held on May 12-13, 2020.

9. Environmental Status Report/Issues – C. Wentlent

9I. Notes of NYSRC/DEC Meeting of May 14, 2020 – C. Wentlent – Attachment #9.1 – C. Wentlent stated that the attachment is a summary of the conference call. C. Wentlent also noted that due to the COVID-19 pandemic the Climate Action Council meetings have been delayed and Pennsylvania’s commitment to join the RGGI program is in question. R. Clayton asked if the NYISO discussed carbon pricing during the call. C. Wentlent confirmed it was not discussed but stated it is a standing agenda item.

10. Resource Adequacy Working Group – C. Wentlent – C. Wentlent stated that members of the Resource Adequacy Working Group and the NYISO did meet to finalize the next steps outlined in the Resource Adequacy Metrics Report. During that call, the meeting participants agreed on new metrics that the NYISO will track. These metrics were sent out to the meeting participants and will be discussed with the ICS.

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

11I. NERC Standard Tracking – A. Adamson – Attachment #11.1 – A. Adamson stated that balloting for NERC Standards CIP-005-7, CIP-010-4, and CIP-013-2 began June 12, 2020. A. Adamson stated he sent out an email to the RRS and EC members requesting voting recommendations.

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

12I. NPCC Report – Attachment #12.1 - M. Sasson – M Sasson reviewed attachment #12.1, highlighting that the NPCC Board of Directors continued discussion on the NERC’s ALIGN and Secure Evidence Locker (SEL). There is a webinar on ALIGN and SEL that is planned for July 14, 2020. The NPCC Board of Directors also discussed extension of the NPCC Regional

Delegation Agreement with NERC. Final budget and business plans are expected to be approved at the June 24, 2020 NPCC Board of Directors meeting.

122. NERC Report – P. Fedora – P. Fedora reported that the NPCC tentatively set an office reopening date of September 1, 2020. P. Fedora also reported that the Reliability and Security Technical Committee (RSTC) met on June 10 and assumed the functions of the NERC Planning, Operating and Critical Infrastructure Protection Committees, which have not been disbanded. The RSTC considered final reports from the disbanded outgoing committees and heard reports from the various subcommittees now under its direct supervision. The RSTC considered and approved the MOD-025-2 Whitepaper. A SAR will be developed based on the Whitepaper. The RSTC endorsed four Inverter Based Resources Performance Task Force proposed SARs covering FAC-001-3 and FAC-002-2, MOD-026-1 and MOD-027-1, PRC-002-2 and VAR-002-4.1 to be sent to the NERC Standards Committee. The RSTC accepted the proposed Resources Subcommittee’s revised scope and accepted the Security Guideline: BSCI Cloud Encryption. The RSTC approved the Compliance Implementation Guidance related to Cloud Solutions and Encrypting BCSI. The RSTC considered its work plan, which integrates the subcommittee work to be carried forward. The next meeting will be on September 15 via WebEx. See the NERC website for more detail.

123. Presidential Order – Securing the US Bulk – Power System – R. Clayton – Attachment #12.3 - R. Clayton reviewed attachment #12.3, which is an extract from the June 2020 SERC Newsletter. DOE recently clarified that it does not need to take any immediate steps at this time and DOE confirmed that no specific equipment provider is actually prohibited from use by utilities currently. The DOE Secretary has 150 days to issue rules and regulations related to the Presidential Order.

124. PSC Case 19-E-0530 Resource Adequacy Processing – R. Clayton – Attachment #12.4 – R. Clayton called the meeting participants attention to attachment #12.4, which is the PSC’s Technical Conference meeting notice. The Technical Conference which was scheduled for May 27, 2020 was rescheduled for June 19, 2020. P. Gioia stated that he read the Brattle Group report and does not see any concerns with respect to the NYSRC. P. Gioia also stated that some of the environmental groups have stated in comments that the PSC approves the IRM. He noted that this is not correct. P. Gioia advises that there is no need for the NYSRC to be a participant in the Technical Conference. R. Clayton stated that the NYSRC should monitor the situation.

125. PSC Case 20-E-0197 Transmission Planning re CLCPA Proceeding – R. Clayton – Attachment #12.5 – R. Clayton wanted to bring this to proceeding to TO’s attention. P. Gioia stated that this proceeding does not specifically refer to the Bulk Power System. The proceeding does state that additional transmission needs would go through the NYISO’s public policy process. There was discussion regarding whether the transmission needs would be public policy needs or individual TO capital expansion plans. C. Dahl stated that LIPA is looking at this case closely. R. Clayton stated that he has reached out to the PSC to identify if a representative would be interested to come to the July meeting to make a presentation regarding this proceeding.

13. NAESB Activities – B. Ellsworth – B. Ellsworth reported that the next newsletter will be issued in July. NAESB is planning a press release on distributed energy technology. The Strategy Committee will focus on 2021 goals.

14. Visitor Comments – There were no visitor comments.

15. Adjournment of the EC Open Meeting

The open Executive Committee Meeting #254 was adjourned at 12:46 p.m.

16. Future Meeting Schedule

Meeting	Date	Location	Time
#255	July 10, 2020-Later changed to July 17, 2020	WebEx	9:30 AM

DRAFT