

Minutes

New York State Reliability Council, LLC (NYSRC) Executive Committee (EC) Meeting No. 238 February 8, 2019 Conference Call

Members and Alternates in Attendance:

Roger Clayton, P.E.	Unaffiliated Member – EC Chair, RRS Chair, RCMS Chair
George Loehr	Unaffiliated Member
Bruce Ellsworth, P.E.	Unaffiliated Member
George Smith, P.E.	Unaffiliated Member
Frank Pace	Central Hudson Gas & Electric – Member
Howard Kosel	Consolidated Edison Co. of NY, Inc. – Proxy & ICS Chair
Bart Franey	National Grid, USA- Member
Mark Domino, P.E.	National Grid, USA – Alternate Member
Tim Lynch	NYSEG and RG&E – Member
Bruce Fardanesh	New York Power Authority – Member
Curt Dahl, P.E.	PSEG-LI-Member
Matt Schwall	Independent Power Producers of NY- Wholesale Sellers Sector– Member
Mike Mager	Couch White - Large Consumer Sector - Member
Chris Wentlent	Municipal & Electric Cooperative Sector – Member

Other Attendees:

Paul Gioia, Esq.	Whiteman, Osterman & Hanna, LLP – NYSRC Counsel
Al Adamson	NYSRC Treasurer and Consultant
Phil Fedora	Northeast Power Coordinating Council, Inc.
Vijay Puran	NY Department of Public Service
Carl Patka	New York Independent System Operator (NYISO)
Emilie Nelson	New York Independent System Operator (NYISO)
Zack Smith	New York Independent System Operator (NYISO)
Josh Boles	New York Independent System Operator (NYISO)
Wes Yeomans	New York Independent System Operator (NYISO)
Matt Cinadr	E Cubed
Herb Schrayshuen	Power Advisors, LLC – EC Secretary
Cori Tackman	Power Advisors, LLC
Rich Bolbrock, P.E	

“*” Denotes part-time participation in the meeting

1. **Introduction** – R. Clayton, EC Chair called the NYSRC Executive Committee Meeting No. 238 to order at 9:34 a.m. on February 8, 2019. A quorum of 13 Members and Alternate Members of the NYSRC EC was established.
 - 1.1. **Identification of visitors** – The attendees on the phone and visitors were identified.
 - 1.2. **Requests for Additional Open Session Agenda Items** – none
 - 1.3. **Request for Executive Session Agenda Items** – There is an executive session planned and no additional items were requested.
 - 1.4. **Report from Executive Session on January 11, 2019** – R Clayton reported that the EC agreed to continue meeting at Wolferts Roost. The EC also decided to purchase audio/visual equipment. There was discussion about the open unaffiliated position and there was a presentation updating the EC on a system disturbance.
 - 1.5. **Declarations of Potential “Conflict of Interest”** – There were no declarations of new potential conflicts identified.

2. **Meeting Minutes/Action Items List**
 - 2.1. **Approval of Minutes for Meeting No. 237 (January 2019) – Attachment #2.1**
H. Schrayshuen introduced the revised draft minutes of the January 11, 2019, meeting which included all comments received prior to the due date for comments. There were a few additional grammatical changes. M. Domino made a motion to approve the minutes of Meeting #237, with the additional changes. 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 #237 posted on the NYSRC website.
 - 2.2. **Review of Outstanding Action Items List – Attachment #2.2** - H. Schrayshuen reviewed and updated Attachment #2.2 based on the EC member comments.

3. **Organizational Issues**
 - 3.1. **Summary of Receipts & Disbursements**
 - 3.1.1. **Statement of Cash Receipts and Disbursements – Attachment 3.1.1** - A. Adamson presented Attachment #3.1.1 – Statement of Cash Receipts and Disbursements for January 2019, noting the end of month balance of \$203,749.40. A. Adamson stated there is one call for funds payment still outstanding for the first quarter and that the 2018 audit is underway.
 - 3.2. **Report on NYSRC Code of Conduct Acknowledgement Form Receipts** – H. Schrayshuen noted that all but one code of conduct from the EC has been submitted. H Schrayshuen asked each committee chair to report on the status for their member submittals. R Clayton stated that all members of RRS and RCMS have completed their forms. H. Kossel and G. Smith stated that they have sent out a second request to the ICS and Reliability Initiative committees. Clarification was needed on whether a code of conduct form was needed for each committee or if just one was acceptable. It was determined that if a person is on multiple committees that only one code of conduct form is required. H Schrayshuen asked for all the committee chairs to forward to him their completed forms so they can be kept in a central location.
 - 3.3. **Procedure for Treatment of Information Received after EC IRM Approval – Attachment #3.3** - P. Gioia stated that he has been working with the E. Nelson of the

NYISO on developing a procedure on how the NYSRC EC and NYISO will handle information that could have an impact on the IRM after it has been set. E. Nelson stated that one of the NYISO's main concerns is the timeline. There is a very limited window of time for changes due to the fact that after the IRM is approved the NYISO immediately starts the LCR development for the capacity auction. This document is still in draft form. Another version will be presented at the next EC meeting in March 2019.

3.4. Other Organization issues – None

4. Installed Capacity Subcommittee (ICS) Status Report/Issues – H. Kosel, ICS Chair

- 4.1. ICS Chair Report – Attachment #4.1** – H. Kosel reviewed attachment #4.1 – Summary of ICS meeting #216. At the ICS meeting on January 29, 2019 the ICS approved the 2020 Milestone Schedule and submitted the schedule to the EC for approval. There was a presentation on the External Area Review where it was decided after the presentation that John Adams would work with the NYISO and develop a whitepaper and recommendation on preparation of a new external Area model. There was discussion on the HQ wheel modeling. A follow up on the HQ wheel modelling is planned for the June ICS meeting. ICS also discussed Load Shapes noting that revising load shapes is a long-term goal and is expected to be a three-year process. ICS requested a timeline from the NYISO. There was additional discussion on Load Shapes and the EC, specifically A. Adamson emphasized that this task should be a top priority. The NYISO presented the LCR results for the 2019-2020 period to the ICS. The LCRs were approved at the NYISO Operating Committee on January 17, 2019.
- 4.2. 2020 IRM Study Milestone Schedule - Attachment #4.2** – H. Kosel submitted attachment #4.2 for EC approval. M Mager made a motion to approve the 2020-2021 IRM Study Milestone Schedule. The motion was seconded by C. Wentlent and unanimously approved by the EC members in attendance (13 - 0).
- 4.3. 2019 ICS Task List – Attachment #4.3** – H. Kosel discussed attachment #4.3 noting that the ICS utilized a past version as the basis for the task list and reorganized it with points of contact and updated comments.
- 4.4. Other ICS Issues – None**

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

- 5.1. RRS Status Report Discussion Issues – Attachment #5.1-** R. Clayton reported on attachment #5.1 providing a summary of the February 4, 2019 RSS meeting. There are currently 3 PRRs under development. PRR 128 is still tabled pending the release of the NPPC A-10 Document revisions. PRR 142 & 143 are currently under development. RRS is looking to bring PRR 142 & 143 to the EC for approval to post for comment at the March EC meeting. Energy Limited Resources and Public Appeal Estimates for IRM calculations are currently under review by the RRS. The difference between the NERC and NYSRC IRM assumptions were reviewed.
- 5.2. List of Potential Reliability Rule Changes – Attachment #5.2** – R. Clayton stated that the table is up to date with recent changes noted above.
- 5.3. PRRs for EC Approval to Post for Comment – Attachment #5.3** – R. Clayton stated that PRR 144 was initiated by the NYISO. The PRR is for clarification

purposes with no substantive changes to the current process. G Loehr made motion to post PRR 144 for comments. The motion was seconded by M. Domino and unanimously approved by the EC. EC secretary will post the PRR for comment. (AI 238-1)

5.4. 2018 RRS Report – Attachment #5.4 – R Clayton discussed on the RRS Annual Report. R Clayton recognized the NYISO for their support for the RRS. The report will be posted on the NYSRC website.

5.5. Other RRS Issues – None to report

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

6.1. RCMS Status Report – Attachment #6.1 - R. Clayton reported on attachment #6.1, a summary of the Feb 4, 2019 RCMS meeting. R. Clayton reported that RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS (C8: R1) for December 2018. RCMS also approved the 2019 Compliance Program and the 2018 RCMS Annual Report.

6.2. 2018 Reliability RCMS Reliability Compliance Program – Attachment #6.2-R. Clayton reported that the compliance program for 2018 is complete.

6.3. 2019 Reliability Compliance Program – Attachment #6.3 - R. Clayton presented the 2019 Reliability Compliance Program for EC approval. A. Adamson reminded everyone that 2019 is year two of the three-year plan that was developed in 2017. M. Mager made a motion to approve the 2019 Reliability Compliance Program as presented. The motion was seconded by B. Ellsworth and unanimously approved by the EC members in attendance (13-0).

6.4. 2018 RCMS Report – Attachment #6.4 – A. Adamson discussed the 2018 RCMS report. The report will be posted on the NYSRC website.

6.5. 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 reviewed attachment #7.1 stating that the NYISO is currently working on the Comprehensive Reliability Plan and expects to deliver a draft to the NYISO stakeholders in March. NYISO is preparing for the next CARIS cycle. There is an ESPWG meeting February 11, 2019 to answer stakeholder questions on the AC Transmission report. The NYISO started the 2018-2019 Public Policy Transmission Planning Process in August 2018 and received a large number of comments. Those comments have been compiled and sent to the NYPSC. Updates to the EC will follow as process continues.

7.2. NYISO Markets Report – E. Nelson - Attachment #7.2 – E. Nelson presented on behalf of R. Mukerji and discussed attachment #7.2. The NYISO is looking into a separate reserve requirement for Zone J. NYISO is looking into the methods for modeling intermittent DER for IRM study purposes as well as updated other models for forecasting generation to reflect the DER on the system. The NYISO is working with stakeholders on the DER Market design details including the procurement of reserves. NYISO is waiting for approval from FERC on the Energy Storage filing compliance plan that was submitted in December 2018. There is no specific timeline

for FERC’s response. P. Gioia commended the NYISO on this market report which focused on reliability risk issues. R. Clayton requested that the NYISO provide redline version of the Planning and Market reports to highlight changes from previous reports. (AI 238-2)

7.3. NYISO Monthly Operations Report – E. Nelson - Attachment #7.3 – E. Nelson reviewed Attachment #7.3 noting that for the month of January there was a Peak Load of 24,728 MW. During the month of January there were zero hours of thunderstorm alert and there were 36.23 hours of NERC TLR level 3 state. Also during the month of January there were 22 occasions that an alert state was declared and 15 emergency transfers. E. Nelson reported that for the cold weather events on January 20-21 and January 30-31, there was good coordination with generators and transmission owners to handle the cold weather. Fuel surveys were conducted and due to the surveys, it was determined that there were adequate fuel reserves during the cold weather events.

8. Distributed Energy Resources (DER) – G. Smith - G Smith attended a webinar on MOD 032-1 Standards Authorization Request (SAR) on Load modeling with DER on both the utility level and retail level. He reported that the decision was made to move forward with the MOD-032-1 SAR. G. Smith also attended a webinar by the SPIDER working group developing assumptions for planning studies to include DER data into system models. These will be issued as a “Reliability Guideline-Parameterization of the DER_A Model”. Momentary cessation will be included in the model. More work is needed to accommodate energy storage charge and discharge cycles. G. Smith notified NPCC (G. Zito of NPCC) about the New York Interconnection Technical Working Group (ITWG). Also, NERC will have an Inverter-Base Resource Performance Task Force WebEx on Feb 11, 2019. R Clayton requested that attendees at future DER related meetings provide a written summary. (AI 238-3)

8.1. Other DER Issues – None to report

9. Environmental Status Report/Issues – C. Wentlent

9.1. For Information – Presentation Material from the January 31, 2019 RGGI Stakeholder Meeting – Attachment #9.1 – C. Wentlent reviewed attachment #9.1 presented at the RGGI Stakeholder Meeting January 31, 2019. New Jersey has decided to go forward with re-joining RGGI. On March 2018 New Jersey started a rule making to create their CO2 trading program. The rule making is in open comment period until February 15. They plan to rejoin the RGGI program January 2020. Their budget will be 18 million tons of CO2 and does not affect budgets from other states.

C. Wentlent also discussed the Governor’s proposed Green New Deal, which is part of the state’s budget negotiations. This proposal is an acceleration of the present clean energy targets with an objective of 100% carbon free electricity for New York by 2040. Changes are outlined below:

- CES standard from 50% by 2030 to 70% by 2030
- Off Shore Wind from 2,400 MW to 9,000 MW by 2035
- Distributed Solar 3,000 MW by 2023 to 6,000 MW by 2025

- 3,000 MW energy storage by 2030

There is also \$200 million to stimulate the building port for support of off shore wind that will include the formation of the New York Climate Action Council, which will be responsible for developing a plan to achieve the installed wind capacity goal. The plan also will include a mitigation budget to assist areas that are negatively impacted by closure of existing plants.

The next DEC and NYSRC meeting will be held on February 21, 2019. R. Clayton requested that meeting announcements be distributed to the NYSRC membership to try to increase meeting participation.

10. NERC/NPCC Standards Tracking – A. Adamson

- 10.1. NERC Standard Development voting status - Attachment #10.1.** – A. Adamson reported that the NYSRC voted on two NERC Standards. NYSRC voted yes on both BAL-003-1.1 and TOP-008. R Clayton noted that he, A. Adamson, and M Sasson have been working on a process to assist in the NYSRC voting. The process is still in development.

11. Reliability Initiative – G. Smith, G. Loehr –

- 11.1.** Report on the status of the MDMS2 Project - Attachment #11.1 – G. Smith reviewed attachment #11.1. The simulation testing results were reviewed by the MDMS2 team and that model testing is complete. The results are posted in NYSRC Meeting Material Attachment #11.1. The report for task 2.2 (Case Development) has been drafted, reviewed and is now final. Quanta will produce a non-CEII version to submit to NYSEERDA. Work continues on Task 3- Algorithm Development. A completion date of early third quarter 2019 was given.

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

- 12.1. NPCC Report** – The NPCC Board met on January 30, 2019. At the meeting they finalized their policy input for February NERC BOT Meeting and approved the 2019 NPCC Corporate Reliability Objectives. The NPCC RCC is scheduled to meet February 27, 2019, at which there will be a presentation regarding the preliminary 2019 summer operating reserves outlook and potential use of emergency operating procedures. The NPCC 2019 Summer Reliability Assessment will be finalized and released on May 2, 2019.
- 12.2. NERC Report** – At the NERC BOT meeting there was discussion on Policy Input and the topics to be covered in the 2019 NERC Special Reliability Assessment on Energy Storage.
- 12.2.1. Attachment #12.2.1 Letter to NERC** - R. Clayton discussed the follow-up to the attached letter requesting that NERC Reliability Assessment Subcommittee (RAS) use the NYSRC IRM determination in their assessments instead of the NERC reference margin. Per R. Clayton the letter was well received and could result developing of a footnote in future assessments. R. Clayton will reach out to W. Lamanna of NERC to identify next steps to resolve the issues before the

release of the next NERC Summer Assessment. **(AI 238-4)**

12.2.2. NYSRC Policy Input – R. Clayton – R. Clayton brought to the EC attention the policy input letter to NERC supporting a Special Reliability Assessment on Energy Storage.

12.2.3. 2019 NERC Reliability Leadership Summit – R. Clayton asked whether anyone was attending the Summit in the middle of March. EC Secretary H. Schrayshuen stated that he planning to attend. H. Schrayshuen will distribute an agenda for EC comment prior to the meeting, **(AI- 238-5)** NYSRC agreed to pay H. Schrayshuen’s expenses to attend the event.

13. NAESB Activities – B. Ellsworth – H. Schrayshuen reported on behalf of B. Ellsworth. H. Schrayshuen will distribute the WECC Gas-Electric Coordination Report **(AI 238-6)**. The next NAESB Board’s next meeting is on February 9, 2019.

14. Visitor Comments – There were no visitor comments

15. Adjournment of the EC Open Meeting

The Executive Committee Meeting #238 was adjourned at 12:12 PM

16. Future Meeting Schedule

Meeting	Date	Location	Time
#239	March 8, 2019	Wolferts Roost Country Club 120 Van Rensselaer Blvd. Albany, NY 12204	9:30 AM