

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 228
April 13, 2018
Albany Country Club
300 Wormer Road, Voorheesville, NY

Members and Alternates

In Attendance:

Roger Clayton, P.E.	Unaffiliated Member – EC Chair, RRS Chair, RCMS Chair
George Loehr	Unaffiliated Member
George Smith, P.E.	Unaffiliated Member
Bruce Ellsworth, P.E.	Unaffiliated Member
Frank Pace	Central Hudson Gas & Electric - Member
Curt Dahl P.E.	PSEGLI – Member-Phone
Ray Kinney	NYSEG and RG&E – Member
Mayer Sasson	Consolidated Edison Co. of NY, Inc. – Member, EC Vice Chair
Mark Domino, P.E.	National Grid, USA-Alternate Member
Sunil Palla	New York Power Authority-Member
Mike Mager	Large Consumer - Member
Matt Schwall	Wholesale Seller – Member
Mark Younger	Wholesale Seller - Alternate Member
Chris Wentlent	Municipal & Electric Cooperative Sector – Proxy for M Cordeiro – Alternate Member

Other Attendees:

Al Adamson	NYSRC Treasurer and Consultant-Phone
Mariann Wilczek	PSEGLI – ICS Chair
Carl Patka, Esq.	New York Independent System Operator (NYISO)
Emilie Nelson	New York Independent System Operator (NYISO)-Phone
Wes Yeomans	New York Independent System Operator (NYISO)
Phil Fedora	Northeast Power Coordinating Council, Inc.
Leka Gjonaj	NYS Department of Public Service
Erin Hogan	NYS Department of State-Utility Intervention Unit
Scott Leuthauser	Hydro Quebec
Herb Schrayshuen	NYSRC EC Secretary

“*” Denotes part-time participation in the meeting

- 1. Introduction** – R. Clayton, EC Chair called the NYSRC Executive Committee Meeting No. 228 to order at 9:30 a.m. on April 13, 2018. A quorum of thirteen Members and Alternate Members (including one proxy as noted above) of the NYSRC EC was established.
 - 1.1. Visitors** – The attendees on the phone and visitors were identified.
 - 1.2. Requests for Additional Agenda Items** – There were no additions to the Agenda
 - 1.3. Executive Session Topics** – No Executive Session topics were proposed.

- 1.4. **Declarations of Potential “Conflict of Interest”** – There were no declarations of potential conflicts of interest reported by the unaffiliated EC members.
2. **Meeting Minutes/Action Items List**
 - 2.1. **Approval of Minutes for Meeting No. 227 (March 9, 2018)** – H. Schrayshuen introduced the revised draft minutes of the March 9, 2018 EC Meeting (Attachment #2.1) which included all comments received prior to the due date for comments. Editorial changes were proposed by M. Sasson in section 5.4.1 related to the use of the terms “exception” and “SPS”. Additional editorial changes in section 5.4.1 were offered by P. Gioia regarding consistency of the reported discussion with the language in the motion. B. Ellsworth made a motion to approve the minutes of Meeting #227 as modified. The motion was seconded by G. Smith and unanimously approved by the EC members in attendance (13 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting # 227 posted on the NYSRC website.
 - 2.2. **Review of Outstanding Action Items List** – H. Schrayshuen presented the Action Item List in Attachment #2.2 noting a number of items will be reported on later in the current EC Meeting. R. Clayton noted that AI 227-2 has been fulfilled. This action time relates to the posting of the full EC approved motion for the Indian Point deactivation final study in the Exceptions to the NYSRC Rules. The action item will remain on the Action Item list as a reminder to the EC for the future.
3. **Organizational Issues**
 - 3.1. **Summary of Receipts & Disbursements**
 - 3.1.1. **Statement of Cash Receipts and disbursements** – A. Adamson presented Attachment #3.1.1 - Statement of Cash Receipts and Disbursements for March 2018 noting the end of month balance of \$ 310,274.15.
 - 3.1.2. **Second Quarter Call for Funds-** A. Adamson noted that all second quarter calls for funds have been fulfilled.
 - 3.2. **Other Organization issues**
 - 3.2.1. **D&O Policy Renewal** – R Clayton reported that the D&O Policy has been renewed fulfilling AI 226-2.
4. **Installed Capacity Subcommittee (ICS) Status Report/Issues** – M. Wilczek, ICS Chair – Attachment #4.1
 - 4.1. **ICS Chair Report** - M. Wilczek reviewed the ICS report details as shown in Attachment #4.1. She reviewed the load shape selection effort noting the NYISO is comprehensively reviewing the processes for load shape selection and plans to offer detailed report in June. No load shape process changes are planned for the current IRM study. She reported the ICS portion of the website is being reorganized so materials can be more easily found. The capacity export review effort noted that the export to New England has been reviewed with the ICS as it is tracked through the ISO-NE reconfiguration auction. The ICS is considering how to include the ISO-NE reconfiguration related assumptions in the current study. Policy 5 is being reviewed as to how to address external capacity sales and will include the IRM voting process update.
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 the status of the RRS activity. PRR 128 continues to be tabled at NPCC pending outcomes in the NPCC A-10 criteria review. The two posted reliability rules (PRR 140 and 141) are open for comments which are due prior to the next EC meeting. R. Clayton reported on RRS discussion on a rule proposed by ConEd to require GSU LTCs to optimize dynamic reactive resources. M. Sasson provided an explanation of the proposal

and requested whether there are similar needs outside of the ConEd service area. If the issue and need is broader there may be a need for a NYSRC rule. The RRS will continue its discussions and if there is no broader interest, the resolution will likely be by making this clarification in Con Edison's Local Planning Criteria.

The NYSRC request to NPCC for clarification of the planning design criteria in a breaker and a half situation has been posted for comment for 45 days on the NPCC website. The NPCC preliminary clarification points out the possible need to shed load, or build. A more stringent rule may be needed depending on the outcome of the NPCC clarification. P. Fedora reviewed the process for review and approval of NPCC clarifications, which in this case may run perhaps past the May RCC meeting. The amount of load in the conceptual example is 2,000 MW. H. Schrayshuen reported on the provisions of the NERC TPL-001-4 which limit load shedding without local regulatory review to 75 MW.

5.2. New/Revised Reliability Rules Outstanding – Attachment #5.2

R. Clayton provided an over view of the Proposed Reliability Rules in Attachment #5.2.

5.3. PRRs for approval

R. Clayton previously noted that PRR 140- A.1 (R1) Establishing NYCA IRM Requirements and PRR 141 – A.2 (R1, R2) Establishing LSE ICAP Requirements are posted for comment, with comments due on May 3, 2018.

5.4. NYISO Major Emergencies – Attachment #5.4 – R. Clayton provided an overview of three recent major emergencies declared by the NYISO, the post contingency flows and the limits used in operations. He noted there had been some questions regarding the limits used in operations and whether the limits had been exceeded during these emergencies. He reviewed in detail the actual flows and the limits concluding that the post contingency limits had not been exceeded in any of the three cases. W. Yeomans explained the basis for the establishment of the operating limits and the operating conditions in the NYISO and ISO-NE that led to the emergencies. Two of the three emergencies (which occurred in March) involved the tripping of the Phase II HVdc link from Hydro Quebec to National Grid in ISO-NE among other facilities that tripped as a consequence of the HVdc trip. The two contingencies that occurred in ISO-NE in March are not contingencies upon which the NYISO operating limits are established. R. Clayton inquired whether NPCC is undertaking an event analysis of the three events. P. Fedora will provide a response to R. Clayton's inquiry (AI 228-1). R. Clayton noted in all three events no load was shed to respond to the emergency and the system loading was reduced to below the operating limits well within the required time. W. Yeomans pointed out that even had another contingency occurred within the response time, the transmission system would have remained stable. NYISO will prepare a report on the events for future review by the NYSRC EC (AI 228-2).

5.5. Other RRS Issues

5.5.1. No other RRS issues were identified.

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

6.1. 2017 Reliability Compliance Program – Attachment #6.1

6.1.1. R. Clayton reviewed the report of RCMS meeting #218. He noted that RCMS found the NYISO in full compliance with Real Time Operations of the NYS BPS (C8:R1), 2018 Locational Capacity Requirements (A2: R1 to R3), GO Generation New Dependable Capacity Tests (I1:R3), GO Generation Reactive Power Capacity Tests (I1:R4) for February 2018. The review of GO Generating Unit Outage Data Reporting (I2:R2) was deferred to the next RCMS meeting due to

outage data unavailability. The RCMS found the NYISO in full compliance with the NYSRC standing requirement to report Loss of Data Communications. Most ICPP links were restored within three minutes. Reference Attachment #6.2 page 4. The NYISO was found to be in full compliance with (H1:R4) with the delivery of its Loss of Data Communications Report for the 2/27/2018 event.

6.2. RCMS Status Report –Attachment #6.2

6.2.1. R. Clayton called the meeting participants’ attention to the full compliance report in Attachment #6.2.

6.3. Other RCMS Issues

6.3.1. No other RCMS issues were identified

7. Distributed Energy Resources (DER) – R. Clayton

7.1. DER Workshop Plans-Attachment #7.1 - R. Clayton called the meeting participants attention to the current list of topics for the proposed DER workshop is shown in Attachment #7.1. A meeting with NYISO DER subject matter experts is planned for April 23, 2018 to discuss the scope of the DER workshop. The workshop is expected to take place during the upcoming summer. The workshop will be open to broad participation.

7.2. Other DER Issues

R. Clayton reviewed the following DER related materials provided to the EC meeting participants.

7.2.1. NYISO PV Pilot Program-Attachment #7.2.1 – E. Hogan noted that changes may be needed to process for siting and interconnection of PV systems. R. Kinney noted that new projects are coming to the interconnection process incorporating storage.

7.2.2. Electric Vehicle Petition-Attachment #7.2.2- C. Wentlent noted that NY is part of a group of eight states working together on electric vehicle policy matters.

7.2.3. NYISO Tariff Revisions Addressing the Provision of Synchronized Reserves by Inverter-Based Energy Resources – Attachment #7.2.3. - C. Patka noted that C. Sharp of NYISO will discuss the NYISO Synchronized Reserves petition at the next RRS meeting.

7.3. FERC DER Technical Conference - R. Clayton reviewed his notes from attending the recent FERC DER Technical Conference. He will distribute his notes to the EC (**AI 228-3**). He noted some utilities are reporting high penetration of PV on certain feeders. NERC noted the strong need for detailed data and verified models of the performance on the installed PV.

8. Environmental Report – NYS DEC Meeting Notes February 22, 2018-Attachment #8.1 - R. Clayton called the meeting participants’ attention to the notes of the meeting with the NYS DEC from February 22, 2018. The next NYSDEC conference call is scheduled for April 19, 2018. R Clayton reported that C. Wentlent will assume the role of NYSRC liaison to the NYS DEC meetings.

9. NERC/NPCC Standards Tracking – A. Adamson reviewed Attachment #9.1 noting that there are several near term ballots on revised NERC standards underway. H. Schrayshuen presented the status of NERC standards development project 2010-09 on System Operating Limits as shown in Attachment #9.2.

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

10.1. MDMS Phase 2 Project Status -NDA issues – The issue of the form of the NDA has not been resolved. The project is now three months behind schedule because technical information cannot be shared until the NDA matter is resolved.

10.2. MDMS Phase 2 Project Status – Project Status – Task 2.1 has been completed and the related report has been sent to NYSERDA. G. Smith will review whether the Task 2.1 report is confidential and if not

to arrange to share it with the EC members (AI 228-4). Additionally G. Smith will discuss the writing quality related issues in the report with NYSERDA to determine if there corrective actions are needed (AI 228-5).

11. State/NPCC/Federal Activities

11.1. NPCC Report– P. Fedora reported that the NPCC Board will meet on May 2, 2018. The focus will be on the 2019 business Plan and Budget in coordination with NERC’s Business Plan and budget activities. The 2018 NPCC Summer Reliability Assessment will be released on Tuesday May 15. The NERC Seasonal summer reliability Assessment is scheduled for release on May 30. NERC has scheduled a workshop in Atlanta on July 10 to address action items outlined in the Potential Bulk Power System Impacts due to Natural Gas Disruption report issued by NERC in November 2017. The workshop will be limited to 75 participants.

12. NYISO Status Reports/Issues

12.1. NYISO System and Resource Planning Status Report, November, 2017— Attachment #11.1 - The submitted written report provides the status of the NYISO planning activities. M Sasson inquired as to the status of the current Public Policy Planning Process evaluation, and inquired when the ranking of projects will be released. C Patka identified a procedural change which will provide an opportunity for technical review by project developers before release of the report and ranking in May.

12.2. NYISO Markets– Attachment #11.2
There were no questions on the submitted report.

12.3. NYISO Monthly Operations Report –W. Yeomans – Attachment #11.3 W. Yeomans reviewed the operating results for March 2018 as outlined in Attachment #11.3. He noted that March, on average was colder than February. Regarding the Emergency Transfer declared on March 5, he noted that the declaration of an Emergency Transfer Criteria (ETC) for the Niagara 230/115 kV autotransformer which has a specific NYSRC exception allowing operation up to the STE limit. Actions were taken in conjunction with neighboring utilities to get the post contingency flow below the limit.

13. NAESB Report– B. Ellsworth reported that NAESB had a board meeting on April 5 focused on administration of NAESB. He brought to the meeting participants’ attention the potential use of block chain in dealing with gas-electric contracts and from NERC on their assessments program. A copy of the materials will be distributed (AI 228-6).

14. Visitor Comments

E. Hogan informed the EC regarding the beneficial electrification efforts to limit the use of fossil fuels including natural gas via a framework for cooling and heating (all electric). The electric load could increase significantly. The information on the matter will be distributed (AI 228-7).

15. Adjournment of the EC Open Meeting

Executive Committee Meeting #228 was adjourned at 12:00 P.M.

16. Future Meeting Schedule

Meeting #	Date	Location	Time
#229	May 11, 2018	Albany Country Club	9:30 AM