

Minutes
New York State Reliability Council, LLC (NYSRC)
Executive Committee (EC) Meeting No. 234
October 12, 2018
Albany Country Club
300 Wormer Road, Voorheesville, NY 12186

Members and Alternates

In Attendance:

Roger Clayton, P.E.	Unaffiliated Member – EC Chair, RRS Chair, RCMS Chair
Myer Sasson	Consolidated Edison Co. of NY, Inc. – Member, Vice Chair
George Loehr	Unaffiliated Member – Phone
George Smith, P.E.	Unaffiliated Member
Frank Pace	Central Hudson Gas & Electric – Member - Phone
Curt Dahl	PSEGLI – Member - Phone
Tim Lynch	NYSEG and RG&E – Alternate Member
Mark Domino, P.E.	National Grid, USA- Member – Phone
Lawrence Hochberg, P.E.	New York Power Authority – Alternate Member - Phone
Matt Schwall	Independent Power Producers of NY (Wholesale Sellers Sector) – Member
Mike Mager	Large Consumer - Member
Mark Younger	Hudson Energy Economics - Wholesale Seller - Alternate Member
Chris Wentlent	Municipal & Electric Cooperative Sector – Member – Phone

Other Attendees:

Paul Gioia, Esq.	Whiteman, Osterman & Hanna, LLP – NYSRC Counsel
Al Adamson	NYSRC Treasurer and Consultant – Phone
Mariann Wilczek	PSEGLI – ICS Chair
Phil Fedora	Northeast Power Coordinating Council, Inc.
Vijay Puran	NYS Department of Public Service
Carl Patka	New York Independent System Operator (NYISO)
Emilie Nelson	New York Independent System Operator (NYISO)
Rana Mukerji	New York Independent System Operator (NYISO)
Josh Boles	New York Independent System Operator (NYISO) - Phone
Wes Yeomans	New York Independent System Operator (NYISO)
Chris Hall	New York State Energy Research and Development – Phone
Rana Mukerji	New York Independent System Operator (NYISO)
Rick Gonzales	New York Independent System Operator (NYISO)
Herb Schrayshuen	NYSRC EC Secretary
Scott Leuthauser	Hydro Quebec – Phone
Matthieu Plante	Hydro Quebec – Phone

“*” Denotes part-time participation in the meeting

1. **Introduction** – R. Clayton, EC Chair called the NYSRC Executive Committee Meeting No. 233 to order at 9:33 a.m. on October 12, 2018. A quorum of 12 Members and Alternate Members 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** – No requests for additional agenda items were made.
 - 1.3. **Request for Executive Session Agenda Items** – No requests for Executive Session agenda items were made.
 - 1.4. **Declarations of Potential “Conflict of Interest”** – There were no declarations of potential conflicts of interest.
2. **Meeting Minutes/Action Items List**
 - 2.1. **Approval of Minutes for Meeting No. 233 (September 14, 2018)** – H. Schrayshuen introduced the revised draft minutes of the September 14, 2018 EC Meeting (Attachment #2.1) which included all comments received prior to the due date for comments. There were additional changes suggested. G. Smith sent H. Schrayshuen in addition to 10.1. M. Mager. made a motion to approve the minutes of Meeting #233 with the suggested changes. The motion was seconded by G. Smith and unanimously approved by the EC members in attendance (12 - 0). The EC Secretary will arrange to have the final minutes for EC Meeting #233 updated and posted on the NYSRC website.
 - 2.2. **Review of Outstanding Action Items List** – H. Schrayshuen presented the Action Item List – Attachment #2.2 and reviewed the status of each Action Item.
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 September 2018, noting the end-of- month balance of \$184,327.04. The call for funds of \$25,000 per Transmission Owner did go out, most Transmission Owners have submitted payment, and reminders will be issued to those Transmission Owners with payments still outstanding.
 - 3.2. **Other Organization issues**
 - 3.2.1. **EC recognition of new representative for NYPA** - Attachment #3.2.1 – NYPA sent in a designation letter, identifying Bruce Fardanesh as the new NYPA Member for a 2-year term starting October 1, 2018. The letter also noted that Lawrence Hochberg is to remain as the Alternate Member. M. Sasson made a motion to approve Bruce Fardanesh as a Member of the NYSRC EC representing NYPA. G. Smith seconded the motion which was unanimously approved by the EC members in attendance (12-0).
4. **Installed Capacity Subcommittee (ICS) Status Report/Issues** – M. Wilczek, ICS Chair
 - 4.1. **ICS Chair Report** – Attachment #4.1 – M. Wilczek reviewed Attachment #4.1 – M. Wilczek noted that there was an update in load forecast and that these was a reduction of approximately 360MW due to lower than expected growth. In the NYC and LI load zones there were increases in the load forecast. The ICS approved a change to Attachment C which displays the EFORds. The ICS agreed to include all generation units and not just large hydro and thermal units. This change was made to allow for inclusion of reliability performance of all generating units. Attachment C provided the Five Year Derating Factors to show the EFORds that are used in the TAN45 method IRM and the LCR determinations. M. Wilczek also reported on the external control area data that was received from NPCC CP-8 working group. When using the external control area data, the NYISO indicated that there was an additional drop in the IRM of 1.1% due to generation additions in those areas. Policy 5 does not prescribe the method to be used for this type of adjustment. The NYISO is working with J. Adams

to explore the issue and potential options to make adjustments to the external control areas. Since some of the cases were still being analyzed, the ICS felt it was best not to update the external control area modelling for the current 2019 IRM report. The NYISO will continue to work with NYSRC consultants to develop a method for future use in the 2020 IRM effort. The NYISO is also finishing up work on the sensitivity cases. M. Wilczek stated that the B-C Lines were removed in the Final Base Case.

M. Younger brought up a concern about the transaction between HQ and New England which is being wheeled through New York. The assumption matrix assumes that 300MW can be used by New York in an emergency situation, while in reality the 300MW is actually being sold to New England and cannot be curtailed to allow it to be used to meet demand in New York. M. Younger requested that the 300 MW be removed from the base case all together and desired to bring this issue to the EC's attention. The ICS has included sensitivity, #12 to address the issue. After additional discussion the EC directed ICS to consider modifying Policy 5 to address HQ import modeling as it relates to emergency support that can be provided to the NYISO for a future study. (AI-234-1)

- 4.2. 2019-2020 NYCA IRM Requirement Study – Final Base Case (FBC) Model Assumptions Matrix – Attachment #4.2 –** M. Wilczek reviewed attachment #4.2. R Clayton noted that RCMS had a discussion on Attachment D, specifically the general public appeals assumptions for Long Island of 80.8MW in contrast to other load zone assumptions which are much lower. He stated that no one could find support for the 80.8 MW. C Dahl mentioned that he would research the topic and believed that he had documentation to substantiate the 80.8 MW assumption. R. Clayton stated that RCMS would be looking into the public appeals numbers across the state. After further discussion, C. Wentlent made a motion to approve the Final Base Case (FBC) Model Assumptions Matrix Draft Version (V4.3) October 4, 2018. G. Smith seconded the motion and it was unanimously approved by the EC members in attendance (12-0).
- 4.3. Other ICS Issues –** None to report.

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 and the status report. There is currently one PRR under development but on hold. PRR 128 is being held until the completion of the NPCC A10 Project. R. Clayton noted there is a call relating to the NPCC A10 Project on November 15, 2018. There are no PRRs open for comment or up for approval. There were a couple of topics for discussion. RRS agreed to develop language to include in Introduction to the Reliability rules and Compliance Manual to address the handling of CEII and other protected information. Al Adamson said he had completed a draft and that it was discussed and given to the NYISO for comment. There was discussion considering a possible revision to D.1 – Mitigation of Major Emergencies regarding zonal load reduction assumptions in response to General Public Appeals. RRS also discussed a possible revision to clarify C.3 – Outage Coordination.
- 5.2. List of Potential Reliability Rule Changes –** Attachment #5.2 – R. Clayton reported that there are no updates to the report.
- 5.3 Other RRS Issues –** None to report.

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

- 6.1. 2018 Reliability Compliance Program –** Attachment #6.1 - R. Clayton reported that RCMS found the NYISO in full compliance for Real Time Operations of the NYS BPS (C8: R1) for August 2018. RCMS also found the NYISO in full compliance with the GO Procedures for Testing Duel Fuel Capability of MOB Combined Cycle Units (G.2: R5) and MP Transmission Data Reporting (I.4:R3).

RCMS also found NYSRC in full compliance with GO Dual Fuel Capability Testing of Combined Cycle Units (G.2:R6).

- 6.2. **RCMS Status Report** –Attachment #6.2 – The Scorecard is up to date – no additional comments were made.
- 6.3. **Other RCMS Issues** - R. Clayton stated that RCMS did review the Con Edison Operating Policies and found them to be compliant. RCMS has tabled discussion regarding the LCR economic optimization methodology (PRR 141) certification pending review of FERC’s tariff change determination.

7. NYISO Status Reports/Issues

- 7.1. **NYISO Comprehensive System Planning Process** – Z. Smith – Attachment #7.1 - C. Patka reported on behalf of Z. Smith. C. Patka reported that the RNA is in its final draft, and was approved by the Management Committee at their Sept 26, 2018 meeting. The RNA will be presented to the NYISO Board for their meeting in October. The Deactivation Assessment for the Pilgrim facility identified two local reliability needs on Long Island. The NYISO sent out a solicitation for solutions on July 9, 2018. The only solutions received were the transmission solutions from LIPA. The NYISO may enter into a Reliability Must Run (“RMR”) agreement with the Pilgrim facility until the permanent transmission solutions from LIPA are in-place. The comment period ended last week. The NYISO is working through the solutions that were solicited. NextEra has filed their Article VII with the NYPSC on August 2018 for the Empire State Line Proposal. The NYISO Board reviewed the AC Transmission Report along with comments and oral arguments. The NYISO Board continues to deliberate and there is no projected decision date. R. Clayton asked about the NYISO filings with the PSC in support of public policy transmission projects. C. Patka clarified that the NYISO filed 15 proposed public policy transmission needs related projects with the NYPSC. The PSC will issue a notice for public comment for a 60-day period. The 15 needs related projects fall within the Clean Energy Standard in order to bring renewable energy from upstate to down state and to support offshore wind. C. Patka recommended that when the period for public comments is open, commenters should include that the NY PSC make a ~~determination~~redetermination on the proposed needs. Vijay Puran of the DPS pointed out that the PSC issued an order in March 2018 determining that it would not issue any new public policy needs at that time, but that the DPS staff should work with the NYISO and the NYTOs to undertake a comprehensive system review to be considered for potential public policy needs in the next public policy process.
- 7.2. **NYISO Markers Report** – R. Mukerji - Attachment #7.2 – R. Mukerji reviewed the highlights of attachment #7.2. R. Mukerji noted that public policy is driving a shift toward 50% renewable generation by 2030. As this shift comes, the NYISO is looking at requirements for regulation and reserves. The NYISO completed its simulation of potential market conditions and initiated discussion on possible market reforms, including. a 2019 initiative to pursue Reserve Procurement for Resilience, More Granular Operating Reserves, Ancillary Shortage Pricing, Tailored Availability Metric and External Capacity Performance and Obligations. Regarding DER, there was a new study on the Load Carrying Capability of DER. A copy of the report was sent to the ICS. The EC asked for the report for be distributed to the EC. (AI-234-2) After discussion on the above mentioned study, it was determined that the EC should review the study. The DER Workshop is November 7, 2018 and afterwards there will be further discussion on the load carrying capability of DER. P. Gioia questioned whether the DER roadmap focuses just on markets or on reliability. R. Mukerji noted it was dedicated to market design. He suggested that as the markets change and new markets rules are established that they coordinate with reliability rules. R Clayton suggested that there might be a need for a new

subcommittee to look at how changes in the market can affect reliability and identify what changes are needed in NYSRC reliability rules to ensure reliability.

7.2.1. FERC Order Accepting NYISO LCR Tariff Filing – Attachment #7.2.1 – R. Mukerji reported that FERC has ruled and has accepted the tariff filing for the Alternative LCR methodology. E. Nelson stated that the NYISO will be updating implementation on the Alternative LCR Methodology in the next ICS meeting. R. Clayton asked that C. Sharp follow up with him and A. Adamson regarding implementation. **(AI-234-3)**.

7.3. NYISO Monthly Operations Report – E. Nelson – Attachment #7.3 – E. Nelson mentioned there were two new graphs in the monthly operations report for behind the meter solar generation performance. For the month of September the Peak Load was 31,456 MW occurring on September 5, 2018. During the month of September there were 2.3 hours of thunderstorm alerts and there were 7.2 hours of NERC TLR level 3 alerts.

7.3.1. Summer 2018 NYISO Hot Weather Operation Condition Report – E. Nelson – Attachment #7.3.1 – E. Nelson reviewed attachment #7.3.1 – There were 19 days over 90 degrees in Albany, NY. The total load (GWh) was above the 50/50 projections but the peak load was below the 50/50 projection for the fifth consecutive summer. There was an all-time Sunday peak on July 1, 2018, of 29,601MW.

8. Distributed Energy Resources (DER) – R Clayton

8.1. DER Workshop Plans Updated – November 7 Workshop Announcement – Attachment #8.1 – R. Clayton reported that the announcement did go out and if anyone is planning on attending the Workshop to please register with the NYISO and email himself. There are currently 35 people signed up. R. Clayton reviewed the agenda of the workshop.

8.2. Other DER Issues – None to report.

9. Environmental Status Report/Issues – Attachment #9.1 - C. Wentlent

C. Wentlent reported on attachment #9.1 regarding CPV Valley Energy Center. CPV submitted a letter to the PSC reporting on completion of testing and commencement of commercial operation on September 28, 2018. Written comments were due in the DEC process on October 25, 2018. The next NYSRC meeting with the NYS DEC is scheduled for October 18, 2018. There was a legislative hearing on Sept 26, 2018.

10. NERC/NPCC Standards Tracking – A. Adamson - Attachment #10.1. A. Adamson reviewed Attachment #10.1 - Al Adamson noted that he initiated a process where he emails the NYSRC Members regarding upcoming ballots and solicits their input. He noted that the CIP-002-06 proposed standard did not pass industry ballot (9/28/2018-10/9/2018).

11. Reliability Initiative – G. Smith, G. Loehr - G. Smith thanked the NYISO for setting up secure website for MDMS2 CEII material. After the September meeting it was decided that a follow-up meeting with Quanta was needed. Attendees were G. Smith, G. Loehr, R Clayton and Quanta representative. In the meeting the PSSE the simulation capability for inverter-based resource dynamic models was discussed. It was decided that no new models would be developed for the MDMS2 project as resources would best be directed toward the basic items of the Statement of Work. Also discussed was the separation concept where NY, New England, the Maritimes and Ontario are isolated from the rest of the Eastern Interconnection via HVDC ties forming the “Northeast Interconnection” and development of modelling for that defensive approach. R. Clayton mentioned that Quanta suggested a change to the scope to address conditions outside of NYCA that could be detected as a risk for NYCA. Quanta proposed expanding the time domain of detecting problems on the systems to include preparedness for evolving events external to New York. G. Smith requested that

Quanta submit a proposal for the necessary changes to the scope to address the issue. G. Smith will initiate a meeting to discuss the scope and the relation to further work on the MSDS1 algorithm. (AI-234-4) The next MSDS2 meeting will be October 16, 2018.

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

12.1. NPCC Board of Director Report – P. Fedora – Attachment #12.1 - See attachment.

12.2. NERC Report – P. Fedora mentioned that the NERC MRC had a call on October 10, 2018, to review the preliminary agenda topics for the NPCC BOT Meeting. The NPCC BOD discussed the RISC Resilience Report, whether the report sufficiently captures NERC’s responsibilities current and planned activities, and whether there other resilience related activities that NERC should consider engaging in. Additionally the NPCC BOD considered the ERO Enterprise Program Alignment program and whether the ERO is effective for ERO stakeholders. H. Schrayshuen mentioned that NYSRC could comment on the resilience related questions because it is a member of NERC. H. Schrayshuen to work with R. Clayton and A. Adamson to prepare and submit comments on the NERC Resilience Report. (AI-234-5).

13. Visitor Comments – No visitor comments

14. Adjournment of the EC Open Meeting

Executive Committee Meeting #234 was adjourned at 1:12 P.M.

15. Future Meeting Schedule

Meeting	Date	Location	Time
#235	November 8, 2018	Albany Country Club	9:30 AM