

**DRAFT Minutes**  
**New York State Reliability Council, LLC (NYSRC)**  
**Executive Committee (EC) Meeting No. 222**  
**October 13, 2017**  
**Albany Country Club**  
**300 Wormer Rd, Voorheesville, NY**

**Members and Alternates**

**In Attendance:**

Curt Dahl, P.E.	PSEGLI - Member – EC Chair
Roger Clayton, P.E.	Unaffiliated Member – EC Vice Chair, RRS Chair, RCMS Chair
George Loehr	Unaffiliated Member-Phone
George Smith, P.E.	Unaffiliated Member
Bruce Ellsworth, P.E.	Unaffiliated Member
Richard Bolbrock, P.E.	Municipal & Electric Cooperative Sector – Member
Ray Kinney	NYSEG and RG&E – Member
Frank Pace	Central Hudson Gas & Electric – Member
Mayer Sasson	Consolidated Edison Co. of NY, Inc. - Member
Mark Domino, P.E.	National Grid, USA-Alternate Member-Phone
Sunil Palla	New York Power Authority (NYPA) – Member
Mike Mager	Couch White (Large Consumer) – Member
Matt Schwall	Independent Power Producers of NY – Member
Mark Younger	Hudson Energy Economics, LLC (Wholesale Sellers) – Alternate Member

**Other Attendees:**

Paul Gioia, Esq.	Whiteman, Osterman & Hanna, LLP – Counsel
Al Adamson	NYSRC Treasurer and Consultant
Mariann Wilczek	PSEGLI – ICS Chair
Carl Patka, Esq.	New York Independent System Operator (NYISO)
Zach Smith	New York Independent System Operator (NYISO)
Robb Pike	New York Independent System Operator (NYISO)-Phone*
Josh Boles	New York Independent System Operator (NYISO)-Phone*
Wes Yeomans	New York Independent System Operator (NYISO)-
Rick Gonzales	New York Independent System Operator (NYISO)
Leka Gjonaj	NYS Department of Public Service
Philip Fedora	Northeast Power Coordinating Council Inc.
Herb Schrayshuen	NYSRC EC Secretary

**Visitors - (Open Session):**

Kelli Joseph	NRG-Phone
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“\*” Denotes part-time participation in the meeting

**1. Introduction** – C. Dahl, EC Chair, called the NYSRC Executive Committee Meeting No. 222 to order at 9:30 a.m. on September 8, 2017. A quorum of thirteen Members and Alternate Members of the NYSRC EC was established.

**1.1. Visitors** – The visitors and attendees on the phone were identified.

**1.2. Requests for Additional Agenda Items** – There were no additional agenda items proposed.

**1.3. Executive Session Topics** – Two Executive Session topics were identified and an Executive Session was held after the open meeting concluded.

**1.4. Declarations of “Conflict of Interest”** – There were no declarations of conflicts of interest.

## **2. Meeting Minutes/Action Items List**

**2.1. Approval of Minutes for Meeting No. 221 (September 9, 2017)** – H. Schrayshuen introduced the revised draft minutes of the September 9, 2017 EC Meeting (Attachment #2.1) which included all comments received. M. Sasson provided several additional changes verbally during the meeting. M. Sasson made a motion to approve the minutes of Meeting #221 as modified. The motion was seconded by G. Smith and unanimously approved by the EC members in attendance (13 - 0 with no abstentions). The EC Secretary will arrange to have the final minutes for EC Meeting # 221 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 that four currently due actions items would be resolved in the course of the meeting. He further noted that action regarding several action items from EC Meeting #221 have been completed and moved to the completed action item list. P. Gioia reported that he has filed the biennial statement with the NY Department of State; fulfilling AI 213-13. R. Clayton reported that he fulfilled AI-221-1 as discussed in Agenda Item #7 below.

## **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. He reported that the call for funds approved in EC meeting # 221 has been fulfilled. He estimates that the projected NYSRC year-end variance will be approximately \$130,000 under budget.

**3.1.2. Approval of Auditor for 2017** – A. Adamson reported that he has contacted Slocum, DeAngelus & Associates, P.C. and has obtained a quotation for preparation of the 2017 financial audit of the NYSRC accounts. He recommended approval of Slocum, DeAngelus & Associates for the NYSRC audit engagement. B. Ellsworth made a motion to approve the recommendation. G Smith seconded the motion which was then unanimously approved by the EC members in attendance (13 - 0 with no abstentions). .

## **4. Installed Capacity Subcommittee (ICS) Status Report/Issues** –M. Wilczek, ICS Chair – Attachment #4.1

**4.1.1. EC review and approval of 2018-2019 IRM Requirement Study – IRM Final Base Case Model Assumptions Matrix**--M. Wilczek presented the IRM Final Base Case Model Assumptions Matrix – Attachment #4.1.1 for discussion. She described each assumption and the resolution of issues identified to date. Changes from the preliminary base case assumption presentation in July were highlighted. She noted changes in peak load forecast, new units, retirements and mothballed units. R. Kinney initiated a general discussion regarding ability (and inability) to operationally observe production from behind the meter generation. R. Bolbrock noted that the reduction in system load over the past several years may be due to behind the meter generation. C. Dahl noted the changes shown in the material provided shows a reduction of 500 MW from prior years. M.

Wilczek noted the recent announcement from the 325 MW Selkirk Phase II plant which has issued a deactivation notice. There was discussion relating the NYISO deactivation process and the schedule for NYISO review and reliability determination. Z. Smith noted that 90 days are allowed for the assessment. The process will only be initiated after the generator's deactivation notice is complete, which has not been received by the NYISO. C. Patka provided details regarding the deactivation notice review process. Based on the discussion of the status of the deactivation review the EC concluded that the Selkirk Phase II unit would remain in the base case for the 2018 IRM study. A sensitive analysis looking at the removal of Selkirk Phase II from service will be run. R. Bolbrock made a motion for the EC to approve the IRM final base case model assumptions as presented. M. Sasson seconded the motion which was then unanimously approved by the EC members in attendance (13 - 0 with no abstentions).

M. Wilczek confirmed that the list of sensitivity cases will not include a sensitivity which removes Indian Point. The final report will include a discussion of the fact that the NYISO is currently conducting an ad hoc reliability study of the impact of removing Indian Point from service. Z. Smith indicated the NYISO study is expected to be completed by the end of 2017.

- 4.1.2. EC review and approval of ICS proposed draft of Policy 5-12 – Attachment #4.1.2 - M.** Wilczek presented the draft of Policy 5 showing the proposed changes in the tracked version of the Attachment. Most changes provided clarification of the process. A new discussion regarding the emergency assistance method was added to the revised document. In appendix B there is new discussion limiting the results in the regression analysis to remove any equations which show a negative coefficient in the first term. P. Gioia suggested two clarifying changes. One in section 3.5 and another in 4.3. The changes were discussed and accepted. R. Clayton made a motion to approve the Policy 5-12 as amended. M. Sasson seconded the motion which was then unanimously approved by the EC members in attendance (13 - 0 with no abstentions).

The final clean versions of Attachments #4.1.1 and #4.2.2 reflecting the changes will be posted by the EC Secretary with the meeting materials - **AI #222-1.**

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

### **5.1. RRS Status Report & Discussion Issues – Attachment #5.1**

**5.1.1.** R. Clayton reported on the status of the RRS activity identifying that there are two PRRs under development, PRR 128 (BPS), which has been tabled pending NPCC CP 11 Report on their activities. PRR 138 (Loss of Long Island Gas Supply). He reported also that Version 41 of the NYSRC Reliability Rules & Compliance Manual has been posted.

### **5.2. New/Revised Reliability Rules Outstanding – Attachment #5.3**

**5.2.1.** After completion of the Long Island rule, a similar project for Loss of Gas supply for ConEd will be undertaken (future PRR 139).

### **5.3. Proposed Reliability Rule Revisions – Attachment # 5.4.1**

**5.3.1.** R. Clayton reported RRS that the PRR 138 regarding reliability rule G.3 (Loss of Long Island Gas Supply) has been discussed by the RRS. The RRS is recommending that the EC approve the posting of the proposed rule for comment. The future rule for Con Ed was also discussed. C. Dahl made a motion to approve the posting. M. Sasson seconded the motion which was then unanimously approved by the EC members in attendance (13 - 0 with no abstentions). The EC Secretary will post the proposed rule - **AI #222-2.**

### **5.4. Other RRS Issues**

There were no additional RRS Issues.

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

**6.1. 2017 Reliability Compliance Program – Attachment #6.1**

**6.1.1.** R. Clayton reviewed the RCMS report of RCMS meeting #212. He reported the NYISO is in full compliance with NYSRC requirements under Real-time Operations of the NYS BPS (C.8:R1) for August and September 2017, Transmission Data (I.4:R1) and Transmission Data (I.4:R3). He reported on the status of the FERC action relative to NYISO tariff changes relating to dual fuel testing. (See 6.2.1 below). C. Patka noted the FERC Order is effective upon approval, and is effective during the rehearing window. R. Clayton noted that there are NYISO compliance actions which are triggered by FERC approval. C. Patka will investigate the status of the NYISO filings, the FERC approval and effective dates. - **AI #222-3.** R. Clayton reported that there has been discussion at the RCMS to potentially reduce the number of level of compliance from four to one. The RCMS has tabled the discussion pending further review with the EC. It had been suggested the NYSRC consider moving to the single level of compliance approach. R. Clayton solicited input from the EC on the topic. There was a general informational discussion, but no consensus on the idea. P. Fedora will check on the source of the information as it was revealed that the concept of reducing levels of non-compliance had emanated from NPCC **AI #222-4.**

**6.2. RCMS Status Report –Attachment #6.2**

**6.2.1.** As reported above, R. Clayton NYISO is in full compliance. However he during the presentation of the Compliance Program Status Report that certain future NYISO required compliance actions to fulfil requirements F1:R1 and F1:R3 may change because the actions required are dependent on the FERC approval and effective dates for certain NYISO tariff changes. At the current time, the NYISO reports that the effective date for both restoration plan and dual fuel testing related tariff changes are October 6, 2017. This is subject to review in AI#222-3 above.

**6.3. RCMS 2018-20 Draft Compliance Review Plan**

**6.3.1.** R. Clayton called the EC's attention to the 2018-20 Draft Compliance Review Plan presented in attachment #6.3.1. The draft plan proposes to be 33 rules audited in 2018 and 2019. Under the draft plan 32 rules would be audited in 2020. A. Adamson noted that scheduling discussions with the NYISO will take place in January 2018. The final Compliance Review Plan will be sent to the EC for approval in February 2018.

**6.4. Other RCMS Issues**

**6.4.1.** No other RCMS issues were identified.

**7. Environmental Report – R. Clayton**

**7.1.** Call with NYS DEC – R. Clayton provided a verbal overview of each of the agenda items shown in Attachment #7.1. He reported that he promoted the discussion call for in AI 221-1 between C. Wentlent and the NYS DEC. he reported that there was a general conclusion that the best forum to address the need for a holistic approach regarding environmental rule driven generation resource scenarios is through the NYISO RNA assumption development process involving the NYISO ESPWG. M. Small noted that there is an inconsistency between the NYS DEC schedule for implementation of its various proposed new rules and the RNA schedule. R. Clayton reported that RGGI has increased their target CO2 emissions levels. The next meeting is scheduled for December 20, 2017.

**7.2.** Discussion of IPPNY Letter to the NYS DEC. R. Clayton reported that the September 12, 2017 letter from IPPNY to the NYSDEC, highlighting the impact of the proposed environmental rules, is currently under consideration by the NYS DEC. Another meeting with the NYS DEC is scheduled for December and the topic is expected to be addressed then.

**8. NERC/NPCC Standards Tracking – A. Adamson**

**8.1.** A. Adamson provided an overview of Attachment #8.1 noting that the proposed TPL-001-5 is out for ballot. In the proposed standard certain extreme contingency events call for corrective action. He requested that ConEd and National Grid provide the NYSRC with their suggestions for comments and balloting. R. Clayton identified that NPCC does not have an official notification of who represents the NYSRC in the NPCC stakeholder process. C. Dahl proposed that he will send a letter of behalf of the NYSRC to NPCC designating R. Clayton as primary representative with C. Dahl as the alternate. A motion for C. Dahl to send such a letter to NPCC was made by G, Loehr and seconded by M. Sasson. The motion was approved by the EC members in attendance (13 - 0 with no abstentions).

**9. Reliability Initiative\_**– G. Smith, G. Loehr

**9.1. MDMS Phase 2 Project Status** – G. Smith reported that the MDMS Phase 2 project has been awarded by NYSERDA. A draft scope prepared by NYSERDA was received. He outlined the next steps of the 18 month project (completion scheduled for-2019). The first step is the development of a technology transfer plan to be completed by the end of 2018. G. Smith will provide a major milestone plan at the next meeting in November. There will be a kick off meeting with the project participants including representatives from Quanta, the NY Transmission Owners and NYSERDA in the first quarter of 2018. G. Smith will send out the current draft of the material received from NYSERDA to the EC members - (AI# 222-5).

**10. State/NPCC/Federal Activities**

**10.1. NPCC Board of Directors Report\_**– M. Forte

The meeting participants' attention was directed to the report from M. Forte regarding the changes to NERC Standard CIP-014-2 regarding physical security, which will initiate a stakeholder process related to the standard. There was no discussion. There was no report regarding NPCC Board activities.

**10.2. NPCC Report\_**– P. Fedora

P. Fedora reported on a number of activities underway involving NPCC and NERC. He provided a summary of the timing of various presentations related the CP-8 Working Group's review of the NPCC A-10 methodology. A recommendation for RCC consideration is expected by the end of the year. He reported that the NPCC Regional Standards Committee will be providing comments on the FERC Reliability and Resilience Pricing NOPR, including a response to the related questions raised by FERC. Comments are due October 23<sup>rd</sup>. Additionally, he reported on the development of NERC's Special Reliability Assessment: Bulk Power System Impacts Due to Severe Disruptions on the Natural Gas System. The assessment identifies the impact that natural gas delivery and supply may have on electric system reliability. NERC's assessment is planned to be reviewed and acted on by the NERC Board of Trustees at their November meeting. P. Fedora then described the 2017 NERC Long Term Reliability Assessment (LTRA) and NERC Winter Reliability Assessment currently under NERC Planning Committee review. Z. Smith identified issues with regard to the LTRA's assumptions used by NERC for New York. A Probabilistic Reliability Models and Evaluation Short Course is being held at NERC's Atlanta office in December. A link will be distributed to the EC. C. Dahl recommended that the link also be sent to the ICS membership.

**11. NYISO Status Reports/Issues**

**11.1. NYISO System and Resource Planning Status Report, June, 2017-** Z. Smith – Attachment #11.1

Z. Smith reviewed the status of the selected planning activities as outlined in attachment # 11.1. The next cycle of the Reliability Planning Process will kick off in January. A key component is the local transmission planning process is presentation of TO plans at ESPWG/TPAS. The Public Policy Transmission Planning Report and recommended selection of a NextEra project for the Western New

York transmission need will be considered by the NYISO Board of Directors on Monday October 26. The AC Transmission work is now underway with a tentative schedule of end of Q1 2018 for the draft results.

**11.2. NYISO Markets (items relevant to reliability) - R. Pike - Attachment #11.2**

R. Pike reviewed the submitted NYISO Markets report covering several topics calling the meeting participants attention. He highlighted the alternative LCR methodology effort that is ongoing. The NYISO is finalizing the proposals including a consumer impact assessment. A NYISO stakeholder vote is planned for November with tariff revision preparation in 2018 if the vote is successful. Capacity Exports from Localities project is under way using an approach suggested by the NY Transmission Owners. That approach is currently being examined by GE. NYISO will soon launch a Distributed Energy Resource (DER) pilot program to learn how to coordinate participation of DERs through the local utilities and the NYISO markets. The Capacity Zone creation and elimination process is still underway looking at transmission security issues as the basis for the analysis. NYISO is seeking to have a design in front of stakeholders before the end of 2018. The PJM pseudo-tie mechanism is still at an impasse. A discussion with PJM is planned.

**11.3. NYISO Monthly Operations Report – W Yeomans – Attachment #11.3**

W. Yeomans reported the operating results for September 2017 as outlined in Attachment #11.3. He noted that September weather was particularly hot late in September with a record September peak load of 27,442 MW. No operating problems were reported. The summer peak load was 29,699 MW. There were three days in which geomagnetic disturbance alerts for SMD K-9 levels resulted in implementation of operating procedures including reduction of facility thermal ratings to 90%. On September 14, 2017 the replacement Ramapo Phase Angle Regulator (PAR) was placed in service, with two PARs back in service at Ramapo. The interconnection substation for the CPV Valley generator is in service. PJM has indicated the Operational Base Flow arrangement in the Joint Operating Agreement with PJM will be no longer be needed. R. Gonzales highlighted the wind curtailment information shown in the Operations Report on page 9. Daily wind production by zone (showing a wide variation in output from 0% to 45%) is now included in the NYISO Operations Report. G. Smith asked about the October declaration of emergency for loss of certain major facilities. This resulted in a discussion regarding the determination of rating exceedances and planning for operational contingencies. R. Gonzales explained that in the case of the October declaration, the limit was not a thermal limit and the NYISO is permitted time (30 minutes for NERC and 15 minutes for NYSRC) to reduce the loading to be under the derated limit.

**11.3.1. Discussion regarding NYISO inquiry into the status of Black Start and Restoration Plans relative to in-city generation.**

W. Yeomans reported on the status of local black start providers for in-city generation. He noted that prior to May 1, 2017 there were a set generators designated as black-start providers in the Con Edison local black-start plan. Historically, these generators followed the NYSRC testing rules that were in-place prior to May 1, 2017. These generators were compensated by the NYISO pursuant to the terms of the NYISO OATT that existed during that time frame. As of May 1, 2017, Con Edison has submitted an updated local black-start plan that requires some but not all of the previous black-start providers along with a few, new black-start providers for implementation. He noted that the NYSRC has recently modified its black-start testing rules to be consistent with NERC black-start testing requirements. The NYISO modified its OATT to reference the NERC

black-start testing rules in its Black Start Manuel (approved by the FERC on October 6, 2017. Wes went further to state that as a result of the changes at this point in time there are three categories of local black start providers;

1. Generators that were previously designated as black start providers in the Con Edison local black-start plan prior to May 1, 2017 but that subsequently are no longer designated by Con Edison as black start providers in the Con Edison local black start plan, and that chose not to be tested under the past or current black start rules. These generators are no longer receiving compensation from the NYISO.
2. Generators that were previously designated as black start providers in the Con Edison local black-start plan prior to May 1, 2017 but subsequently are no longer designated by black start providers in the Con Edison local black-start plan yet chose to test under the past black start testing rules. These generators will continue to receive compensation from the NYISO until May 1, 2018.
3. Generators that are designated as black start providers in the updated (effective May 1, 2017) Con Edison local black-start plan and tested in accordance of the updated NYSRC testing rules (consistent with NERC black-start testing requirements). These units are being compensation by the NYISO.

W. Yeomans emphasized that 100% of the units designated in the updated Con Edison local restoration plan tested and passed under the new NYSRC black start testing rules. This fulfills AI# 220-4.

#### 12. NAESB Report – B. Ellsworth

B. Ellsworth reported that a NAESB Wholesale Electric Quadrant Board meeting took place on September 7, 2017. He recommended that EC members turn to the following links to see the most recent NAESB activity: <https://www.naesb.org/hot.asp> <https://www.naesb.org/news.asp>

#### 13. Visitor Comments

There were no visitor comments.

#### 14. Adjournment of the EC Open Meeting

Executive Committee Meeting #222 was adjourned at 12:00 P.M. An Executive Session of the EC followed the conclusion of the open meeting.

#### 15. Future Meeting Schedule

Meeting No.	Date	Location	Time
#223	November 9, 2017	Albany Country Club, Voorheesville, NY	9:30 AM