

Draft Minutes
New York State Reliability Council, L.L.C. (NYSRC)
Executive Committee
Meeting No. 177 – January 10, 2014
NYISO Control Center, Rensselaer, NY

Members and Alternates
in Attendance:

Mayer Sasson	Consolidated Edison Co. of N.Y. – Member – Chair - Phone
Curt Dahl, P.E.	LIPA – Member – Vice Chair
George Loehr	Unaffiliated Member
William H. Clagett	Unaffiliated Member
Bruce Ellsworth	Unaffiliated Member
Richard J. Bolbrock, P.E.	Municipal & Electric Cooperative Sector – Member
Scott Leuthauser	HQ US - Alternate
Mike Mager, Esq.	Couch White, LLP (Large Customers' Sector) – Member
Peter Altenburger	National Grid, USA – Member
Tom Duffy	Central Hudson Gas & Electric – Member
George Smith	Unaffiliated Member
Chris LaRoe	Independent Power Producers of NY (IPPNY) – Member
Arnie Schuff	New York Power Authority – Member
Ray Kinney	New York State Electric & Gas/RG&E – Member - Phone
Mike Forte	Consolidated Edison Co. of N.Y. – Alternate - Phone*

Others:

Al Adamson	Consultant & Treasurer - Phone
Jim McCloskey	Central Hudson Gas & Electric
Roger Clayton	Electric Power Resources, LLC – RRS/RCMS Chair
Henry Chao	New York Independent System Operator (NYISO)
Carl Patka, Esq.	New York Independent System Operator (NYISO)
Wes Yeomans	New York Independent System Operator (NYISO)*
Howard Tarler	New York Independent System Operator (NYISO)
Edward Schrom	NYS Department of Public Service - Phone
Don Raymond	Executive Secretary
Erin Hogan, P.E	NYSERDA – ICS Chair

Visitors – Open Session:

Chris Sharp	New York Independent System Operator (NYISO)
Phil Fedora	Northeast Power Coordinating Council (NPCC)
Mat Cinder	NETHP
Rick Brophy	New York State Electric & Gas/RG&E
Chris Wentlent	Constellation

“*” Denotes part-time

Agenda Items – (Item # from Meeting Agenda)

- I. **Executive Session** – Chairman Sasson (Phone) requested an Executive Session to discuss personnel matters.
- II. **Open Session**
- 1.0 **Introduction**– Vice Chairman Dahl called the NYSRC Executive Committee (Committee) Meeting No.177 to order at 9:30 A.M. on January 10, 2014 at the NYISO Control Center, Rensselaer, NY.
- 1.1 **Meeting Attendees** – All Members and/or Alternate Members (or representatives) of the NYSRC Executive Committee were in attendance.
- 1.2 **Visitors** – See Attendee List, page 1.
- 1.3 **Requests for Additional Agenda Items** – Mr. Dahl recognized Mr. Duffy Electric, for his outstanding contributions and dedicated service to the NYSRC as the Member representing Central Hudson Gas & Electric since 2002.
- 1.4 **Declarations of “Conflict of Interest”** – None
- 1.5 **Executive Session Topics** – An Executive Session was held to discuss personnel matters.
- 2.0 **Meeting Minutes/Action Items**
- 2.1 **Approval of Minutes for Meeting No. 176 (December 6, 2013)** – Mr. Raymond introduced the revised draft minutes which included all comments received to date. There being no additional comments, Mr. Mager moved for approval of the revised draft minutes. The motion was seconded by Mr. Altenburger and unanimously approved by the Executive Committee – (13 to 0). The Executive Secretary will post the minutes on the NYSRC website – **AI #177-1**.
- 2.2 **Action Items List** – The Executive Committee reviewed the Outstanding Action Items list and accepted removal of the following items:

<u>Action Item #</u>	<u>Comments</u>
175-2	Comments on the proposed R&D Guidelines were provided in November 2013.
175-3	Redundant with 176-2.
175-4	Comments on the draft IRM Study were provided prior to the December 6, 2013 Executive Committee meeting.
175-5	The NYISO provided the list of facilities for use at the December 2013 RRS meeting.
175-6	Mr. Gioia provided the response to IPPNY comments on November 4, 2013.
176-3	Mr. Gioia issued the informal IRM filing with FERC and a press release in December 2013.
174-4	Dr. Sasson gave a presentation on ConEd’s latest black start analysis at the January 10, 2014 Executive Committee meeting.
176-6	The R&D Project Request Form was presented by Mr. Smith at the January 10, 2014 Executive Committee meeting.

3.0 Organizational Issues

3.1 NYSRC Treasurer's Report

- i. Summary of Receipts & Disbursements** - Mr. Adamson provided the Summary of Receipts and Disbursements which showed an end year budget surplus of \$137,000. The 1st Quarter Call-for-Funds of \$165,000 was issued in December 2013 due January 1, 2014 and allocated \$25,000 per TO and \$5,000 per non-TO. \$35,000 was received as of December 31, 2013.
- ii. 2013 Audit** – Mr. Adamson indicated that each member will receive a letter from Slocum DeAngelus & Assoc. by the middle of January 2014 requesting payments made in 2013. Mr. Adamson requested a timely response in order to maintain the Audit schedule.

3.2 Vice Chair Report – At the September 12, 2013 Executive Committee meeting, Dr. Sasson indicated that he had asked Mr. Dahl (Vice Chair) to investigate a number of specific issues. Status report(s) were given on the item(s) below:

- i. Role of Research** – Mr. Dahl introduced the R&D Project Request Form (or Template) that he and Messrs. Smith and Duffy prepared for future potential R&D activities to provide additional structure to the R&D proposal process.

Mr. Smith presented the filled out Template for the MDMS Project using information in the EnerNex proposal. The full proposal will be posted shortly on the NYSRC website under the DSWG document section.

Chairman Sasson suggested that the R&D Request Form indicate just NYSRC funding in the section at the top of the Form. Other Members asked for clarification of the “in kind” funding. Mr. Dahl agreed to assist in preparing the Project Schedule and Milestone section and completing the additional adjustments requested by the Executive Committee. The revised Template will be presented at the February 14, 2014 Executive Committee meeting for approval – **AI #177-2**.

- ii. Contact Lists** – Mr. Dahl noted that Chairman Sasson had requested that mailing lists be specified for each primary Executive Committee work product (e.g. draft minutes, legal drafts, final agenda, etc.). Therefore, he presented for comment a “Product Recipient Matrix” showing work product vs. recipient group (e.g. NYISO Staff, Executive Committee Members, Subcommittee Chairs, etc). Each “marked” cell then represents the work product to be received by a specific recipient group. Mr. Dahl asked that he receive any comments within the next two weeks. A final Matrix will be presented at the February 14, 2014 Executive Committee – **AI #177-3**.

3.3 Other Organizational Issues – None

4.0 Installed Capacity Subcommittee (ICS) Status Report/Issue

4.1 ICS Chair Report – Ms. Hogan, the new Chair of ICS, summarized the highlights of her written Chair Report for the January 7, 2014 ICS meeting. She noted that the “Lessons Learned and Accomplishments” from the prior year are a potential basis for a white paper. For example, ICS feels additional investigation is needed to determine how PJM demand response should be considered for planning purposes. .

After 15+ years of model development, ICS expects that most future modeling changes will be fine tuning existing methodology. Therefore, ICS has decided to conduct an initial “ball park” assessment of the impact of a proposed change on the IRM. If a significant impact is found, a white paper will be developed for Executive Committee review and approval.

Further, Ms. Hogan indicated that Frank Vitale will be retiring after completion of the 2015 IRM Report (December 2014). In order to capture Mr. Vitale’s knowledge of the intermediate IRM process steps, documentation that goes beyond Policy 5 will be developed, possibly in the form of a Process Manual.

4.4 Other ICS Issues – Nothing additional to report.

5.0 Reliability Rules Subcommittee Status Report/Issues

5.1 RRS Status Report & Discussion Issues – Mr. Clayton reported that the joint RRS/RCMS meeting was held on January 7, 2014. Two separate meetings were held, each with its own agenda and minutes.

5.2 Status of New/Revised Reliability Rules

i. Proposed NYSRC Reliability Rules Revision

a. List of Potential Reliability Rules (“PRR”) Changes

b. Status of New/Modified Reliability Rules

1. PRRs for EC Final Approval -

- **PRRs #REP-01, 02** - Mr. Clayton indicated that PRRs REP-01 and REP-02 were “posted for comment” on November 15, 2013 and no comments were received by the due date of December 31, 2013. These are the first of the reformatted Rules which will be “banked” until all have been approved. The new format will go into effect January 1, 2015. RRS recommends the reformatted Rules receive final approval. Following discussion, Mr. Loehr moved that the reformatted Rules be given final approval. The motion was seconded by Mr. Clagett and unanimously approved by the Executive Committee – (13 to 0).

- **Vote on PRR #116** – At the December 6, 2013 Executive Committee meeting, Chairman Sasson indicated receipt of a TransCanada Informational Filing and Notice of Retirement – Ravenswood, LLC – Spot Black Start Service which alludes to the fact that Con Ed through the NYISO is no longer taking Black Start service in the winter months from Ravenswood Units 10, 20, and 30. The Executive Committee requested that it receive an explanation of why Black Start Service from Ravenswood is no longer required. At the request of the Chairman, it was agreed to delay the vote on PRR #116 until the January 10, 2014 Executive Committee meeting at which time ConEd will present its latest Black Start analysis prior to the vote.

Chairman Sasson presented an Update to Con Edison’s Blackstart/ System Restoration Program to RRS and the Executive Committee on January 7 and 10, 2014, respectively. Mr. Clayton noted that RRS continues to support PRR #116 on a technical basis. The presentation summarized the background of the Ravenswood blackstart issue through FERC’s approval of a Ravenswood temporary tariff (a month-to-month arrangement that may be terminated by Ravenswood at any time for any reason) and the NYISO’s revised Black Start Tariff in November 2013. Con Edison, at the time, stated that it was preparing revisions to its procedures and Restoration Program.

In its revised procedures, the transmission system is restored first to energize generation busses as quickly as possible so that generation is available sooner to restore load. Also, the redesigned procedures take advantage of recent transmission and generation additions. The Con Edison revisions went into effect on June 1, 2013 and in September 2013 it declined to exercise the Ravenswood Tariff for the winter months. A decision for the summer 2014 will be made in early spring 2014.

The current blackstart programs are voluntary. Therefore, PRR #116 is proposed to maintain a sustainable and effective System Restoration Plan and complement the Con Edison and NYISO current Tariffs by addressing Blackstart service from existing units.

Following the presentation, Mr. Gioia requested additional time for Chairman Sasson, Messrs. Clayton and Adamson and himself to gain a more comprehensive understanding of the basis for going ahead with PRR #116 at this time. Mr. Mager requested that the Executive Committee and others be advised prior to the next Executive Committee meeting whether it is the intention to have a vote on the PRR at the next meeting or that such vote be

postponed to a later meeting – **AI #177-4.**

2. PRRs for EC Approval to Post -

- **PRR #118** - Mr. Clayton introduced PRR# 118, Retirement: Protection H-R1 and H-R2, addresses the section of the Rules dealing with System Protection. RRS has determined that the section is not more specific or stringent than NERC or NPCC Standards. Therefore, RRS is recommending that PRR #118 be “Posted for Comment”. Following discussion, Mr. Loehr moved that the recommendation be approved. The motion was seconded by Mr. Clagett and unanimously approved by the Executive Committee – (13 to 0).
- **PRRs #REP-03 –07** - Mr. Clayton introduced PRRs #REP-03 through #REP-07. These five PRRs do not require any new Rules, just simply reformatting. Mr. Duffy moved for approval to “Post for Comment” the proposed reformatted Rules. The motion was seconded by Mr. Smith and unanimously approved by the Executive Committee – (13 to 0).

3. PRRs for EC Discussion

- None

5.3 NPCC/NERC Standard Tracking

- NERC Standards Development** – Mr. Adamson noted that the NYSRC abstained on the first ballot of PER-005-2 (Training) and RRS recommends voting NO on the second ballot. The Executive Committee concurred. Any changes in preference should be sent to Mr. Adamson.
- NERC Ballot Preferences** – Messrs. Clayton and Adamson indicated that the TOs are generally not providing their preferences in order to determine a NYSRC voting position. Mr. Duffy pointed out that in many instances the NERC Standard being voted on does apply to all TOs leading to their not voting. To resolve the current situation, the following will be instituted: (a) Mr. Adamson will send the Balloting Preferences Form to each Executive Committee Member and Alternate, (b) The Executive Committee Member will be responsible for providing Mr. Adamson with his TO’s preference, (c) In the case of a non-response, the Standard being balloted will be interpreted as “not applicable” to the non responding TO, and (d) When there is insufficient TO input to establish a NYSRC voting position, Mr. Adamson will take the NYISO and NPCC positions into consideration.

5.4 Other RRS Issues – Mr. Clayton reported that there is now a draft of NPCC Directory 1. It will provide guidance for reformatting Section B of the NYSRC Rules. The deadline for comments on Directory 1 is January 22, 2014. Mr. Clayton introduced draft comments prepared by Mr. Adamson, Ms. Hogan and himself. Mr. Duffy indicated that he will be drafting and forwarding to Mr. Clayton comments/questions regarding NPCC TFCO’s desire to potentially classify BPS Station Service Transformers as NPCC BPS facilities. Additional comments should be sent to Mr. Adamson or Mr. Clayton – **AI #177-5.**

Mr. Clayton reported that RRS continues to discuss PRR #117, B-4: Publication of NYS BPS Facility List. The NYISO practice has been to use the NPCC definition of BPS (A-10 list). However, that leaves about 20% of all elements that are 230kV and above off the A-10 list. RRS has asked the TOs and NYISO to provide a list of facilities comprised of the A-10 list supplemented by the list facilities which are 230kV and above but not on the A-10 list. The issue remains under consideration by RRS.

6.0 Reliability Compliance Monitoring Subcommittee (RCMS) Report/Issues

6.1 RCMS Status Report & Discussion Issues – Mr. Clayton reported that RCMS met on January 7, 2014 following the RRS meeting.

6.2 2013 New York Reliability Compliance Program – Mr. Clayton presented the end of year 2013 Reliability Compliance Program (a.k.a. the Scorecard). The NYISO was found to be in compliance on all 2013 compliance requirements. RCMS will be providing a 2013 Compliance and Monitoring Report for Executive Committee review.

A 2014 Reliability Compliance Program including due dates is under review by the NYISO. A completed 2014 Plan will be presented to the Executive Committee at its February 14, 2014 meeting – **AI #177-6.**

This Plan is based on the existing Rules format rather than the re-formatted Rules and Measures that will go into effect January 1, 2015.

- 6.3 Other RCMS Issues** – Mr. Clayton noted that Dan Head (ConEd) has agreed to serve as Vice Chair of RCMS for 2014. Also, Wayne Sipperly (NYPP) will be the new Secretary.

7.0 Key Reliability Issues

- 7.1 Defensive Strategies** – Mr. Smith reported that NYSERDA recently sent its Statement of Work and Contract to EnerNex. EnerNex, Messrs. Smith and Loehr, and the NYISO will be providing comments on the Statement of Work. The project work is expected to begin in the last two weeks of February 2013 – **AI #177-7.**

8.0 State/NPCC/Federal Energy Activities

- 8.1 NPCC Board of Directors (BODs)** – Mr. Forte noted that at the end of January 2014, the NPCC Board of Directors will hold its Annual Strategic Planning Session. He solicited input from the Executive Committee on such items as NPCC mission, industry trends and other issues that could impact NPCC direction and focus. Also, the Executive Committee should include suggested initiatives and priorities that the BOD may wish to consider. Input should be sent to Mr. Forte by January 21, 2014 for consideration at the BOD meeting.

- 8.2 NPCC Report** – Mr. Fedora reported that on December 13, 2013 NERC filed the Phase II of the Bulk Electric System (BES) Definition along with the supporting documentation of the Standards Drafting Team. The filing was due by the end of December 2013. NERC is looking for a FERC ruling on or before the end of March 2014 in order not to jeopardize the July 1, 2014 start of implementation. NERC's attention is now focused on finalizing the guidance documents for the self determined notification, BES Definition reference diagrams, and developing a schedule for illustrating the use of the IT "tool" by the regulated entities. The "tool" will enable regulated entities to: (a) submit their self determined notifications to the Regions, (b) provide changes to the BES designation of their facilities, and (c) file exception requests. On the NERC website under the Reliability Assessments Performance Analysis section is a list of activities including BES Notification. BES Notifications will contain the Regional notifications.

NPCC is planning workshops on the use of the NERC BES Exceptions and Notification "tool" (BESnet) for its Registered Entities at the next NPCC Standards and Compliance Workshop in Cooperstown, NY the last week of May 2014. At the NERC-MRC and BOT meetings in February 2014 (Phoenix, AZ), additional information is expected to be announced regarding the schedule of when NERC BESnet training and webinars will be held.

- 8.3 State Energy Plan** – Nothing new to report.

9.0 State/Federal Energy Activities

- 9.1 CARIS** – Mr. Chao presented the 2013 CARIS 1 Final Report at a public information session on December 17, 2014. The presentation included background on the NYISO planning processes, the results of the 2013 CARIS 1 analysis, and next steps. With Board approval of the CARIS 1 Report in November 2013, developers may submit specific transmission proposals for potential cost recovery as part of the 2014 CARIS 2 process. A copy of Mr. Chao's presentation is available on the NYISO website. The NYISO is working with the ESPWG to define "Lessons Learned" from the 2013 CARIS 1 process, identify updates to the Economic Planning Manual, and develop the 2014 CARIS 2 data base.

- 9.2 Order 1000** – The FERC Order 1000 interregional compliance filing was submitted on July 10, 2013. Regional compliance filings were submitted on October 15, 2013. Process manuals will be revised and new processes will be implemented beginning in 2014.

- 9.3 2014 RNA** - The Local Transmission Owner Plans (LTPs) were presented by Central Hudson, National Grid, and Orange & Rockland on October 11, 2013 and by Con Edison, LIPA, NYSEG, and RGE on October 24, 2013 at joint meetings of the TPAS and ESPWG. The plans and planning procedures are

posted on the TO websites and links to those websites are available on the NYISO website. Copies of the plans are also posted on the NYISO website. Comments were provided by stakeholders to the TOs within 30 days from the presentation dates.

The Local Transmission Owner Plans (LTPs) are the first step in preparing the base case for the 2014 RNA. The TO's LTPs were presented in October 2013. All TOs and stakeholders received requests in December 2013 to provide updated modeling information by January 13, 2014 for use in the 2014 Gold Book, the FERC 715 filing, and for use in the 2014 RNA. The 2014 RNA will be the first RNA to be performed according to the new Order 1000 planning requirements.

9.4 Interregional Transmission Studies

i. EIPC Study – EIPC members created a 2018 and a 2023 roll-up integration summer peak powerflow case for the Eastern Interconnection. The roll-up Model Report discusses the gap analysis, gap solutions (enhancements), and linear transfer analysis. The Report was posted December 6, 2013 at <http://www.eipconline.com/non-DOE-Documents.html>.

Stakeholder comments are due January 31, 2014. Following the roll-up, EPIC will perform powerflow analysis on scenarios selected with input from stakeholders. The scenarios currently proposed include winter and spring peak. The scenario analysis is expected to begin in April 2014.

The Gas-Electric System Interface Study will be performed by Levitan & Associates. The Study timeline includes a baseline assessment of the existing system to be completed by April 4, 2014.

An evaluation of the capability of the gas system to satisfy the needs of the electric system will be in draft form by July 11, 2014. The identification of gas-side contingencies that could impact electric reliability will be in draft form by December 13, 2014. A draft review of dual fuel capability is expected on September 5, 2014. The draft report is scheduled for a February 17, 2015 delivery to stakeholders.

A Stakeholder Steering Committee Webinar is scheduled for January 31, 2014 to discuss the Gas-Electric Study. The NYISO Interregional Planning Task Force meetings will be scheduled throughout 2014 to provide updates.

9.5 Other Studies/Activities – Nothing additional to report.

10.0 Other Items

10.1 NYISO Operations Report – Mr. Yeomans provided the NYISO Operations Report for December 2013. The peak load occurred on Tuesday, December 17, 2013 at 24,460Mws. A Major Emergency was declared on December 28 at 06:04 due to the Central East voltage contingency flow exceeding 105% caused by top of the hour schedule changes. Alert states were declared on 20 occasions; 13 times for low system frequency. There were no TLR Level 3s declared. There were two NERC/NPCC Reportable DCS event; (a) at 09:06 on December 2 a SAR was initiated for loss of Nine Mile 2 loaded at 500Mws. ACE crossed zero at 09:08 and the SAR was terminated at 09:21, and (b) at 17:59 on December 23 an RPU was initiated for loss of Astoria East Energy CC2 at 520Mws. At 18:00 a SAR was initiated. ACE crossed zero, the RPU was terminated at 18:09, and the SAR was terminated at 18:15.

10.2 North American Energy Standard Board (NAESB) – Nothing new to report.

11.0 Visitors' Comments – None

12.0 Meeting Schedule

<u>Mtg. No.</u>	<u>Date</u>	<u>Location</u>	<u>Time</u>
#178	Feb 14, 2014	Albany Country Club, Voorheesville, NY	9:30 A.M.
#179	Mar 14, 2014	Albany Country Club, Voorheesville, NY	9:30 A.M.

The open session of Committee Meeting No.177 was adjourned at 2:00 PM.