

FINAL

***New York State Reliability Council (NYSRC)
Reliability Rules SubCommittee (RRS).
Minutes of Meeting #9***

NYISO, Guilderland, NY

Thursday, February 3, 2000

Attendance

Mayer Sasson (Chairman)	Consolidated Edison of New York, Inc.	Member
Roger Clayton (Secretary)	PG&E Generating	Member
Keith O'Neal	New York State PSC	Member
Larry Hochberg	New York Power Authority	Member
Larry Eng	Niagara Mohawk Power Co.	Member
Ray Kinney	New York State Electric & Gas	Member
Steve Corey	New York ISO	Member
Alan Adamson		Consultant

The meeting was convened at 10:00 am and adjourned at 4:00 pm.

Introduction

Mr. Sasson proposed the following agenda:

1. Approval of RRS Meeting #7 & #8 Minutes
2. NYSRC EC Meeting #10 report
3. ICAP WG report
4. NYSRC RR compliance with NPCC/NERC
5. NYSRC RR development
6. Millenium Pipeline
7. NYS Emissions
8. Next Meeting

There being no objection, the above agenda was adopted.

1. Approval of RRS Meeting #7 & #8 Minutes

The RRS Meeting #7 & #8 Minutes were unanimously approved with minor revisions. It was noted that the attachment to Minutes #8 (NYCA IRM recommendation to NYSRC EC, dated January 10, 2000) should be clarified to indicate that the straw poll included all attendees at the joint RRS/ICAP WG meeting of January 6, 2000.

2. NYSRC EC Meeting #10 report

The actions of the NYSRC EC at its January 31, 2000 meeting #8 were reviewed. It was noted that:

- The EC adopted an 18% IRM for the NYCA's 2000 capability period. The vote was 9 to 4 in favor.
- The latest draft NYSRC Code of Conduct prohibits EC Managers and Alternates from serving on the NY ISO Board of Directors or any of the three NYISO Standing Committees. EC Managers and Alternates may be involved in other NYISO activities. Individuals who are neither EC Managers nor Alternates may participate in the activities of both the NYISO and the NYSRC. All of the above is subject to conflict of interest constraints defined in the Code.
- The Openness Policy should be implemented as soon as the meeting notification feature of www.nysrc.org is functional.

3. ICAP WG report

Mr. Sasson will suggest to Mr. Fleury (Secretary, NYSRC EC) that the EC's 18% IRM resolution recently passed for NYCA's 2000 capability period should be packaged with a cover letter and the ICAP WG's final report, "NYCA Installed Capacity Requirements for the Period May 2000 through April 2001". This will link the two documents and explain the rationale for the EC's adoption of the 18% IRM based upon the technical results presented in the report and consideration of certain intangibles.

Mr. Sasson will suggest to the Chairman of the CMS that the CMS should monitor the variables identified by the ICAP study and other factors that may affect IRM during the 2000 capability period and report same to the RRS.

New ICAP WG tasks were identified as follows:

- Identify all factors that may affect IRM and coordinate monitoring with CMS
- Develop a study schedule to define the 2001 capability period IRM by December 31, 2000
- Examine best practices in other control areas with respect to IRM definition

4. NYSRC RR compliance with NPCC/NERC

Mr. Eng presented an NPCC status report. He reported that the NPCC Task Force chairs have developed a responsibility matrix with respect to Phase II of the NERC Transmission Planning compliance efforts. He also indicated that working groups are being formed to respond to NERC comments.

Mr. Corey reported that NERC standards themselves are undergoing radical changes in format and content. These changes include the merging of compliance templates into the standards. He suggested that NPCC should not restructure NPCC standards until the NERC standards are settled but rather should incorporate NERC changes into the existing NPCC standards in the interim.

It was agreed that any RRS compliance effort with respect to reformatting and incorporation of NPCC/NERC rules into the NYSRC RR should be tabled pending resolution of the NPCC compliance effort.

The 11/3/99 draft document entitled, "Implementation Plan for Updating the NYSRC Reliability Rules to Comply with NERC/NPCC Standards" that had been previously adopted by the RRS as a working plan was discussed in detail. The following action items were identified:

Action 1: Review NERC & NPCC Reliability Documents

- Propose RRS member for NPCC CP9 WG (planning standards review & compliance)
- Propose RRS member for NPCC CO9 WG (operation standards review & compliance)
- All RRS members to familiarize themselves with NPCC/NERC standards

Action 2. Perform Self-Assessment

- Mr. Adamson agreed to give RRS a presentation on this subject at the 4/7/00 RRS meeting

Mr. Sasson will get EC approval for any costs associated with action items 1 & 2.

Mr. Corey reported that NYISO is developing an internal NYISO responsibility matrix for compliance efforts associated with NERC, NPCC and NYSRC RR requirements.

5. NYSRC RR Development

The following is an updated list of potential RR changes. Also shown are assignments to develop a formal request to the NYSRC according to the NYSRC rule changes procedure (Policy No. 1-0):

	<u>Assignment</u>
1. Changed P-V criterion	S. Corey
2. Planning responsibility (NY ISO TEI 5.3)	N/A - NYISO issue
3. Prioritization. Planning by queue position or by group	N/A - NYISO issue
4. Definition of BPS	S. Corey
5. Provision for emergency interim actions	K. O'Neal
6. Reserve requirements as a function of demand elasticity	J. Cassaza
7. ICAP 1/10 & EOP criteria	M. Sasson
8. Reactive load and resource PF requirements	S. Corey
9. Normal/extreme contingency definition	S. Corey
10. Transmission margin as a criterion	S. Corey
11. CBM/TRM issues	R. Clayton
12. Disturbance reporting	L. Eng
13. Long term reserve requirements (ISO/RC Agreement, Article 4.5)	K. O'Neal
14. ICAP assumptions on generators to be included in study	M. Cordeiro
15. Impact of N-2 resource outages on reserve requirements	
16. Impact of GT remote quick start capability on reserve requirements	M. Sasson
17. Impact of local RR on local and state wide reserve requirements	L. Hochberg
18. Special protection schemes	R. Clayton
19. 15 minute reserve criterion	
20. Multiple utilities on same ROW	
21. Restoration criteria	
22. Protection criteria	S. Corey
23. FOR reporting	A. Adamson
24. Interconnection requirements	

Mr. Clayton will develop a draft template for submittal of requests for rule changes (attached). The assignees will develop their requests using this template as a basis and they will be reviewed at the next RRS meeting.

6. Millenium Pipeline

The NYSRC draft comments to FERC, dated February 2, 2000, opposing the construction of the Millenium Pipeline on the Buchanan - Millwood - Sprainbrook ROWs was discussed. The concern was over loss of the critical transmission lines on these ROWs because of a mishap during construction of the pipeline or due to a gas explosion post-construction. It was agreed that loss of all circuits on these ROWs constitute an extreme contingency per NPCC Basic

Criteria Document A-2. Mr. Corey distributed a preliminary NYISO analysis showing STE violations under heavy transfer conditions for these extreme contingencies. Under NPCC A-2 criteria, measures are required to, "reduce the frequency of occurrence of such contingencies, or to mitigate the consequences...." In this case, Mr. Corey's analysis of loss of four circuits indicated that approximately 1050 MW of load shed or generation pick-up in New York City would be required to mitigate the consequences. The RRS judged that the appropriate measure in this case was to reduce the frequency of occurrence of this extreme contingency by opposing the proposed routing of the pipeline.

Various editorial comments on the NYSRC draft will be transmitted to Mr. Fleury (Secretary NYSRC EC) by Mr. Sasson.

7. NYS Emissions

The NYC "bubble" definition with respect to meeting EPA standards was discussed. Now that four companies own NYC generation (excepting NYPA), compliance with EPA standards has changed from before when one company owned the NYC generation portfolio (excepting NYPA). This has a potential reliability impact since NYC generation may be constrained because of emission criteria. Mr. Buechler of the NYISO is preparing a white paper on this subject. It was agreed that the RRS should monitor this issue.

Next Meeting

RRS meeting,	NYISO, Guilderland.	0930.	Friday, March 3, 2000.
RRS meeting,	ConEd Control Center.	1000.	Friday, April 7, 2000.

Draft Minutes Submitted to RRS by R. Clayton (Secretary) on February 9, 2000.

**Request to Develop or Modify Reliability Rules (NYSRC Policy No. 1-0)
Submit request to "www.nysrc.org"**

Item	Response
1. Respondent	
Name	
Organization	
Address	
Phone & Fax numbers	
Email address	
2. Title of proposed rule change	
3. New rule or modification of NYSRC RR?	
If a new rule is proposed, provide any relevant citation to existing standards	
If a modification to an existing rule is proposed, provide NYSRC RR reference	
4. Wording of proposed change	
5. Rationale for proposed change	
Identify advantages	
Identify disadvantages	
6. Comments	
7. Date of Submission	